PCT/US03/06667 10/506513

1 ATGGTGCTCT CCCAGGAGGA GCCGGACTCC GCGCGGGGCA CGAGCGAGGC
51 GCAGCCGCTC GGCCCCGGGC CCACGGGGGC CGCTCCGCCG CCCGGCCCGG
101 GACCCTOGGA CAGCCCCGAG GCGGCTGTCG AGAAGGTGGA GGTGGAGCTG
151 GCGGGGCCGG CGACCGGGGA GCCCCATGAG CCCCCGGAAC CCCCCGAGGG
201 CGGCTGGGGC TGGCTGGTGA TGCTGGCGGC CATGTGGTGC AACGGGTCGG
251 TGTTCGGCAT CCAGAACGCT TGCGGGGTGC TCTTCGTGTC CATGCTGGAA
301 ACCITCGGCT CCAAAGACGA TGACAAGATG GTCTTTAAGA CAGCAGCATG
351 GGTAGGTTCT CTCTCCATGG GGATGATTTT CTTTTGCTGC CCAATAGTCA
401 GCGTCTTCAC AGACCTATTT GGTTGTCGGA AAACAGCTGT CGTGGGTGCT
451 GCTGTTGGAT TTGTTGGGCT CATGTCCAGT TCTTTTGTAA GTTCCATCGA
501 GCCTCTGTAC CTTACCTATG GAATCATATT TGCCTGCGGC TGCTCCTTTG
551 CATACCAGCC TICATTGGTC ATTITIGGGAC ACTATTICAA GAAGCGCCTT
601 GGACTGGTGA ATGGCATTGT CACTGCTGGC AGCAGTGTCT TCACAATCCT
651 GCTGCCTTTG CTCTTAAGGG TTCTGATTGA CAGCGTGGGC CTCTTTTACA
701 CATTGAGGGT GCTCTGCATC TTCATGTTTG TTCTCTTTCT GGCTGGCTTT
751 ACTTACCGAC CTCTTGCTAC CAGTACCAAA GATAAAGAGA GTGGAGGTAG
801 CGGATCCTCC CTCTTTTCCA GGAAAAAGTT CAGTCCTCCA AAAAAAATTT
851 TCAATTITIGC CATCITICAAG GTGACAGCTT ATGCAGTGTG GGCAGTTGGA
901 ATACCACTTG CACTTTTTGG ATACTTTGTG CCTTATGTTC ACTTGATGAA
951 ACATGTAAAT GAAAGATTTC AAGATGAAAA AAATAAAGAG GTTGTTCTCA
1001 TGTGCATTGG CGTCACITCA GGAGTTGGAC GACTGCTCTT TGGCCGGATT
1051 GCAGATTATG TGCCTGGTGT GAAGAAGGTT TATCTACAGG TACTCTCCTT
1101 THICHICATH GGICTGATGT CCATGATGAT TCCTCTGTGT AGCATCTTTG
1151 GGGCCCTCAT TGCTGTGTGC CTCATCATGG GTCTCTTCGA TGGATGCTTC
1201 ATTTCCATTA TGGCTCCCAT AGCCTTTGAG TTAGTTGGTG CCCAGGATGT
1251 CTCCCAAGCA ATTIGGATTIC TIGCTCGGATT CATGTCTATA CCCATGACTG
1301 TTGGCCCACC CATTGCAGGG TTACTTCGTG ACAAACTGGG CTCCTATGAT
1351 GTGGCATTCT ACCTCGCTGG AGTCCCTCCC CTTATTGGAG GTGCTGTGCT
1401 TIGITITATC COGTIGGATCC ATAGTAAGAA GCAAAGAGA ATCAGTAAAA
1451 CCACTGGAAA AGAAAAGATG GAGAAAATGT TGGAAAACCA GAACTCTCTG
1501 CTGTCAAGTT CATCTGGAAT GTTCAAGAAA GAATCTGACT CTATTATTTA
1551 A (SEQ ID NO: 1)

FEATURES: Start Codon: 1 Stop Codon: 1549

10/506513

HOMOLOGOUS PROTEINS: <u>Top BLAST Hits:</u> Top 10 BLAST Hits:

Sequences producing significant alignments:	Score (bits)	
CRA 62000057354769 /altid=gi 14090278 /def=dbj BAB55595.1 (ABO CRA 18000004921871 /altid=gi 5730045 /def=ref NP_006508.1 (NM CRA 18000004921870 /altid=gi 7513431 /def=pir 138495 X-linked CRA 18000005134802 /altid=gi 6677997 /def=ref NP_033223.1 (NM CRA 163000000492387 /altid=gi 8923981 /def=ref NP_061063.1 (NM CRA 224000009228679 /altid=gi 17389922 /def=gb AAH17968.1 AAH17 CRA 8900000201355 /altid=gi 7299667 /def=gb AAF54851.1 (AE003 CRA 22400007378350 /altid=gi 16768034 /def=gb AAL28236.1 (AYO CRA 18000005086356 /altid=gi 7449989 /def=pir JC5507 monocarbo CRA 18000005075554 /altid=gi 6226943 /def=sp 090632 MOT3_CHICK	527 527 516 402 399 353 353 189	0.0 e-148 e-148 e-144 e-110 e-109 1e-95 1e-95 2e-46 4e-46

EST:

CRA Number	gi Number	Score	Expect
CRA 76000044050113 CRA 1000600799987 CRA 160000129712648 CRA 58000099006260 CRA 32000087643803 CRA 157000141043600 CRA 160000129843301 CRA 105000016327758 CRA 33000005235303 CRA 3000001439560 CRA 1000684940123 CRA 1000610791502 CRA 3000001441088 CRA 160000129872523	gi 14568965 gi 6359768 gi 13709362 gi 12788094 gi 10813242 gi 13460082 gi 13720697 gi 11084182 gi 6989741 gi 1166011 gi 6569405 gi 5933739 gi 1164256 gi 13723263	1265 bits (638) 1170 bits (590) 1063 bits (536) 1049 bits (529) 1017 bits (513) 973 bits (491) 902 bits (455) 680 bits (343) 551 bits (278) 547 bits (276) 486 bits (245) 486 bits (245) 462 bits (233) 410 bits (207)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 1e-154 1e-153 1e-134 1e-134 1e-127
CRA 162000043366421 CRA 3000000874607 CRA 225000013398008	gi 10877364 gi 2994619 gi 18086759	234 bits (118) 218 bits (110) 208 bits (105)	8e-59 5e-54 4e-51

EXPRESSION INFORMATION FOR MODULATORY USE:

library source:		
gi Number	Organ	Tissue Type
gi 14568965	lung	small cell carcinoma
gi 6359768	(none)	liver
gi 13709362	(none)	(none)
gi 12788094	brain	neuroblastoma cells
gi 10813242	(none)	pooled germ cell tumors
gi 14368965 gi 13709362 gi 12788094 gi 10813242 gi 13460082	prostate	adenocarcinoma
gi 13720697	(none)	(none)
gi 11084182	ovary	fibrotheoma
gi 11084182 gi 6989741 gi 1166011 gi 6569405	(none)	(none)
gi 1166011	placenta	(none)
gi 6569405	(none)	pooled germ cell tumors
gi 5933739	thymus, pooled	(none)
gi 1164256	placenta	(none)
gi 13723263	(none)	(none)
gi 10877364	colon	(none)
gi 2994619	pooled	(none)
gi 18086759	Pancreas	Islets of Langerhans

PCT/US03/06667

```
1 MVLSQEEPDS ARGTSEAQPL GPAPTGAAPP PGPGPSDSPE AAVEKVEVEL
   51 AGPATAEPHE PPEPPEGGNG WLVMLAAMWC NGSVFGIQNA CGVLFVSMLE
  101 TRGSKDDDKM VFKTAAWAGS LSMGMIFFCC PIVSVFTDLF GCRKTAVVGA
  151 AVGFVGLMSS SFVSSIEPLY LTYGTIFACG CSFAYQPSLV ILGHYFKKRL
  201 GLYNGIVTAG SSVFTILLPL LLRVLIDSVG LFYTLRVLCI PMFVLFLAGF
  251 TYRPLATSTK DKESGGSGSS LFSRKKFSPP KKIFNFAIFK VTAYAWAVG
  301 IPLALFGYFV PYVHLMKHMN ERFQDEKNKE VVLMCIGVTS GVGRLLFGRI
  351 ADYVPGVKKV YLQVLSFFFI GLMSMMIPLC SIFGALIAVC LIMGLFDGCF
  401 ISIMAPIAFE LVGAQDVSQA IGFLLGFMSI PMTVGPPIAG LLRDKLGSYD
451 VAFYLAGVPP LIGGAVLOFI PWIHSKKORE ISKTTGKEKM EKMLENQNSL
  501 LSSSSGMFKK ESDSII (SEQ ID NO: 2)
FEATURES:
Functional domains and key regions:
PDOCO0001 PS00001 ASN_GLYCOSYLATION
N-glycosylation site
               81-84
                        NGSV
PDOCO0002 PS00002 GLYCOSAMINOGLYCAN
Glycosaminoglycan attachment site
               340-343 SGVG
PDOCO0004 PS00004 CAMP_PHOSPHO_SITE
CAMP- and CGMP-dependent protein kinase phosphorylation site
Number of matches: 2
               275-278 KKFS
               509-512 KKES
PDOCO0005 PS00005 PKC_PHOSPHO_SITE
Protein kinase C phosphorylation site
Number of matches: 7
               10-12
                        SAR
               234-236 TLR
               251-253 TYR
       3
               258-260 STK
       4
       5
               273-275 SRK
               475-477 SKK
485-487 TGK
       6
PDOC00006 PS00006 CK2_PHOSPHO_SITE
Casein kinase II phosphorylation site
Number of matches: 6
               4-7
               97-100
                        SMLE
       3
               104-107 SKDD
       4
               164-167 SSIE
               258-261 STKD
       5
               485-488 TGKE
       6
PDOCO0008 PS00008 MYRISTYL
N-myristoylation site
Number of matches: 15
               13-18
                        GTSEAQ
               82-87
                        GSVFGI
               141-146 GCRKTA
149-154 GAAVGF
       3
       5
               156-161 GLMSSS
       678910112
               174-179 GIIFAC
               180-185 GCSFAY
               201-206 GLYNGI
               230-235 GLFYTL
               265-270 GGSGSS
               300-305 GIPLAL
337-342 GVTSGV
               384-389 GALIAV
       13
               394-399 GLFDGC
               464-469 GAVLCF
```

PDOC00013 PS00013 PROKAR_LIPOPROTEIN
Prokaryotic membrane lipoprotein lipid attachment site
169-179 LYLTYGIIFAC

PDOCO0029 PS00029 LEUCINE_ZIPPER
Leucine zipper pattern
365-386 LSFFFIGLMSMMIPLCSIFGAL

PDOC00240 PS00267 TACHYKININ Tachykinin family signature Number of matches: 2 1 154-158 FVGLM 2 369-373 FIGLM

Membrane spanning structure and domains: Helix Begin End Score Certainity 87 1.683 Certain 67 117 137 2.220 Certain 3 146 166 1.923 Certain 169 189 1.494 Certain 1.761 Certain 4 5 6 7 222 252 202 232 1.893 Certain 291 311 1.874 Certain 89 330 350 0.801 Putative 364 384 2.458 Certain 10 387 407 1.707 Certain 11 419 439 1.966 Certain 453 1.826 Certain

Score = 874 bits (2233), Expect = 0.0 Identities = 435/517 (84%), Positives = 463/517 (89%), Gaps = 1/517 (0%) Frame = +1

Query: 232 MMLSQEEPDSA-RGTSEAQPLGPAPTGAAPPPCPGPSDSPEAAVEKVEVELAGPATAEPH 408
MV S EEP +A R T+EAQP GPAP+ AP P PGPSD + +VEKVEVEL +
Sbjct: 1 MYPSLEEPAAAERETNEAQPPGPAPSDDAPLPVPGPSDVSDGSVEKVEVELT--RSTGNQ 58

Query: 409 EPPEPPEGGMGMLVMLAAMWCNGSVFGTQNACGVLFVSMLETFGSKDDDKMVFKTAAWWG 588

EPPEPPEGGMGMLVMLAAMWONGSVFGIQNA GVLFVSMLETFGHXDDD M FK AAWVG Sbjct: 59 EPPEPPEGGMGMLVMLAAMWONGSVFGIQNAYGVLFVSMLETFGAKDDDNMAFK-AAWVG 117

Query: 589 SLSMSMIFFCCPIVSVFTDLFGCRKTAVVGAAVGFVGLMSSSFVSSIEPLYLTYGIIFAC 768

SLSMGMIFFCCPIVSVFTD+FGCR+TAV+GAAVGFVGLMSSSFVSSIEPLY TYG++FAC Sbjct: 118 SLSMGMIFFCCPIVSVFTDMFGCRRTAVLGAAVGFVGLMSSSFVSSIEPLYFTYGVVFAC 177

Query: 769 GCSFAYQPSLVILGHYFKKRLGLVNGIVTAGSSVFTILLPLLLRVLIDSVGLFYTLRVLC 948

GCSFAYQPSLVILGHYFKKRLGLVNGIVTAGSSVFTILLPLLL L +VGL YTLR+LC Sbjct: 178 GCSFAYQPSLVILGHYFKKRLGLVNGIVTAGSSVFTILLPLLLGNLTSTVGLCYTLRILC 237

Query: 949 IFMFVLFLAGFTYRPLATSTKDKESGGSGSSLFSRKKFSPPKKTFNFAIFKVTAYAWAV 1128
IFMFVLFLAGFTYRPL SHKHKES S SS FSRHK SPPKKTFNFAHFK TAYAWA

Sbjct: 238 IFMFVLFLAGFTYRPLVPSSKEKESEDSRSSFFSRRKLSPPKKIFNFALFKETAYAWAA 297

Query: 1129 GIPLALFGYFVPYVHLMKHMIERFQDEKNIKEVVLMCIGVTSGVGRLLFGRIADYVPGVKK 1308 GIPLALFGYFVPYVHLM HV ERF+D NKEV+ MCIGVTSGVGRLLFGRIADY+PGVKK

Sbjct: 298 GIPLALPGYFVPYVHLMNHVKERFIDMNIKEVLFMCIGVTSGVGRLLFGRIADYLPGVKK 357

Query: 1309 VYLQVLSFFFIGLMSMMIPLCSIFGALIAVCLIMGLFDGCFISIMAPIAFELVGAQDVSQ 1488 VYLQVLSFFFIGL SMMIPLCS+FGALIA+CLIMGLFDGCFISIMAPIAFELVG QD SQ

107506513

Sbjct: 358 VYLQVLSFFFIGLTSMMIPLCSVFGALIALCLIMGLFDGCFISIMAPIAFELVGPQDASQ 417

Query: 1489 AIGFLLGFMSIPMTVGPPIAGLLRDKLGSYDVAFYLAGVPPLIGGAVLCFIPWIHSKKQR 1668 AIGFLLGFMSIPMTVGPP+AGLL DKLGSYD+AFYLAG+PP IGGAVLC IPWIHSKKQR

Sbjct: 418 AIGFLLGPMSIPMTVGPPVAGLLHDKLGSYDLAFYLAGIPPFIGGAVLCLIPWIHSKKOR 477

Query: 1669 EISKTTGKEKMEMLENQNSLLSSSSGMFKKESDSII 1779

EISK TG EKMEKML NQ+SLLSSSSG+FKKESDSII

Sbjct: 478 EISKNTGGEKMEKMLANQSSLLSSSSGIFKKESDSII 514 (SEQ ID NO: 4)

Hmmer search results (Pfam):

Model	Description	Score	E-value	N
PF00664	ABC transporter transmembrane region.	4.2	7.1	1
PF01027	Uncharacterized protein family	3.4	7.6	1
PF00083	Sugar (and other) transporter	2.0	7.4	1

Parsed for domains:

Mode1	Domain	seq-f	seq-t	hmm-f	hmm-t		score	E-value
PF00083	1/1	11	50	 184	223		2.0	7.4
PF01027	1/1	121	177	 1	59	[.	3.4	7.6
PF00664	1/1	165	232	 1	76	Ĺ.	4.2	7.1

_1	AATGGGTATT	TTGTAGACTG	TOCTTGATTG	GGATTIGICI	ACAGACCTAA
51	TGATGGTTAG	CCAGGGATTA	TGGGTTTTGG ATATCGGGGA	TACATTATCA	TCTAGTTGAG
101	AGIACCATTI	CATTITUE	CACCCTAAAG	TTATTICTIC	CCCACTCC
301 727	CCCTTTCCAT	CTATACTCT	TTGGAAGAAA	GTTACTACGC	ATACCCACAC
251	ΤΤΔΔΔζΑζΤΔ	AACCATTGTA	CTTCACCTCC	ATGAGGGAGG	GAGTATGTTC
301	ΤΤΑΤΕΡΑΛΑΤΑ	TACATTTCCT	GCAGGAGAGA	TITGICIATE	CTCTCCTCAT
351	ATTTATTTAT	ATCATTTACT	TACATCAGTA	CTGACTCGTG	GATAATTCTT.
401	ACATATGTGT	माजामाजाज	GCATGCAAAT	ATATAATCGA	TGIGCTTTCT
451	TTGCCCAATA	ATATGTTGTG	GACAACTTTC	AAAGTCAATA	AATACAGATG
501	ACCTTCAGAA	CTTTTAGAGG	TTTTAAAGTA	AGTATCTAAT	CAGICITCIA
551	CCAATGTACA	TTATACT ICC	AAATTTTCCT	TATCTCCCT	ATTICCTTICE
601	TATCATCTIC	AIACAIACAI	TTTTGTGCAC CTAAGGCAGA	TTACACTICA	CTATGITIC
201 701	CCATTCCACA	ACCAACCACC	GCTTGCTTTC	CTTAGTTTAT	CTATITICT
751	CTACCTGGAA	TIGOTOTOTO	CTGTCTTGAC	CCACTGAAGT	CGTATGTATG
RO1	AATCAGGGCT	TCCCCCAAAG	GCTGTTTGCT	GTAGAGGCTC	TTCTACAGTG
851	TTTCCACACA	ATTTAAGGGA	CTATCTCATC	TCTCTCTTTT	GTACATGTAT
901	ΤΔΤΔΔζΔζΔΤ	CATCTGAGCC	TCCTAGTCTC	TCCCAGGACT	crrrrrccr
951	ACCAGITTAT	CAACTGATAA	GAGGCAGAAA	CGAGATCAAT	CCCACTCATC
1001	TGTGTACTCT	ATCACAGTGG	TGGGCACATC	AAGTAACTAG	CAIAITTIGA
1051	CTTIGATIGA	AGTGAAGAAT	ACGAATAACA CTTCTTTTCT	GAAAI IAAGA	AGCATCCICA
1101	ATATIGATA	GLAGGI IACI	AGTTGAATAC	ACCITITACT	TITIGUTAA
1201	ACTICAGE	ACTICATION	AGTTGAAAAG	TAATICTITIC	TAGCIGICIG
1251	TTAAAAATGT	TIGITGGTG	AAGACTTOGG	AATTGCAGTC	CAGTGAGGAC
1301	TGAAAATAAG	CATCITIGGT	GTGCCAAATA	TTCATAAGGA	AATTGTATAC
1351	GAATGCAAGA	GAATGGAACT	GAAGTAATAA	AATAAGGGCT	CTGATCCTTC
1401	AGATGACTTA	TTTAAGAAGC	CAGGTGGCAT	AACGAATCTT	ACATATTATA
1451	ATTAGTACTG	AGAGGTGAAT	GCCAAAACAT	AAAACAAACA	CAATCGAGAC
1501	AATGTTAGTG	TGACTGTGAC	GCTGTGTCGG	IGAGI IGAGG	ACACCCCCCC
1551	AGIGIGGCIC	TOCTGAAGGC	CCACCGCGCC	CACACATCTG	TECCOTTCTC
1601	CITCIGCICA	CACCCCCCCCT	CGCAGACGCG	CACACATOTO	GCTCTGCG
1701	CCCCCACCTG	GEOGGE	CCGCGGGGG	CCCCGCCTCC	GCTCTCCGAG
1751	CCCCAATCAT	CTGGAGGCTG	TGGGGGCACG	TCCCGCTCCC	GGCCACGCCC
1801	CCAGCCGGCG	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	TGCTTTTAAG	AACCGGCGCC	TGGCAGTGGG
1851	CTCAGTCGGG	GGTGCGGGGC	TGTGACCTAG	AGGCTTCAGT	GTCGATCCCC
1901	GAGGTGTTCG	CGCGCGCCAG	CTGTCCTCGC	GGCCGCCTGC	GCGCTGGCCG
1951	CCTGCGGGCT	GCCAGCCCGC	CCCCCCCA	GGGGCTCCGC	COCCTCCCC
2001	TOGGCCTCGT	TAGULUGUA	CTTCTCCCC	CCTCACCC	GGAGCCCGCT
202T	COCATOGIC	TOTOTOGG	GEAGCTGGAC	TUCCOCC	GCACGAGCGA
2101	CCCCACCCC		CGCCCACGGG	GGCCGCTCCG	ccccccccc
2201	CCCCACCCTC	. CCACACCCCC	GAGGCGGCTG	TOGAGAAGGT	GGAGGTGGAG
2251	CLECCECCECC	CCCCCACCCCC	GGAGCCCCAT	' GAGCCCCCCG	AACCCCCCGA
2301	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	: GCCTGGCTGG	TGATGCTGGC	: GCCCATGTGG	TGCAACGGGT
2351	COGTGTTCGC	CATCCAGAAC	GCTTGCGGGG	TGCTCTTCGT	GTCCATGCTG
2401	GAAACCTTCG	GCTCCAAAGA	CACCOTCCCC	CACCOCCETT	AGACAGGTGA GGGCCCCCGA
2451	CCCCATCCCC		CHETTER	COCACTICITY	ATGTOGGTGG
2551	GUGCAIGUG	CACACGGTGC	GAGCAGGGG	GICTITICAC	TTGCAGACAG
2601	AGCCTTGCCGC	· TICTGGGGCC	TCGGGGTGCC	CGTCTTTATA	TGGAATCCAG
2651	CTGCAGAGCT	ന്ദ്രാവി	: AAGCAGGTCG	CAGAACTTAC	: TTGCCGAGAT
2701	COCCO	TOTOTOTO	: AGAGCAGACG	i ctaacagtco	ACAGGAGCCC
2751	. TTCCTTTAT	TGTTTGAAAA	CAAACAGAAC	CCCAGAACCT	TCAACCCCAG
2801	TCATCGCCC	GICATTITIC	TOGICICITI	CGIGACIAIG	CCAGTTATGT
2851	. AGTTCTTCAC	CIGULIUCI	ACCANTEANA	CACATTICTA	TATIGTTIGGCG CGAAGGTCAC
2901	TOGACITICO		TCCAACACTO	ACCUTCCI	concoo
3001	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	TTTTTGCCC	: TCTGGGTTAA	ATGTAGAAAA	\ CACGGGAGGC
3051	ACCCCCCATT/	A GGGACTAGG/	n tgaggaaggt	r gaagggttg(: TICTICCCTC
3101	псы	r GTTTTTGAG	ATTITITI	t aaccatata c	5 TAAATTAGAT
3151	ΔCΔΔΔΔGGT	CAGATTCAG	: GTTTCTCCC	TGTAGAGCAT	TATTATGACT
3201	. TTTTGGCTGC	TTAGGCAAA	AACAAATCTA	AGACCTTCTC	CATGACACTT
3251	. TAACATAAAT	TCTTTCACT	IATOCTOCA	A GET GAGGGG	GTCAACCCCA
3301	. TTTGGGTGA	J AAAACIGIAA N AACACATATY	· VVCLEVCLLA	A GIGICIIGG	GGGTAGTAGA TGATTTCCAT
2227	. AIGGCAAIA	4 MANAGALIAIN	- ~~!~~!!		, , , , , , , , , , , , , , , , , , , ,

3401	l tactaaatca	ACCTCCCTCC	CCATCATTTG	GGGTAACTTT	ATATGATTAA
3451	LTAGICITI	TTTTAACCTT	GATTTTCTAT	TATTTTAGA	GTGAATATTT
3501	l cttaggtctt	TAGTATGCAT	ATGAGGAATG	GGCAAGACTG	TAATAAATTC
3551	L TGAGACAAAC	GTAATGCTGG	GTTATGCTGA	GAGTTTTAAA	ACCTGACATA
3601	AATACTATTA	AACTATTIGT	ATCATTCTGC	AACTTACTTT	TCTTCCATTC
3651	CCCATCATCT	TTGTGACTTA	TCCACATAAT	ACCTCACTGE	GAACTGATAA
			ACTTAGGTGG		
2/ 21	CATTOTALAC	CONTICION.	TCTGATGGGC	ATTIAGATIG	CITOWACI
			TGAATATTCT		
2827	. GIGAA IACGO	IACCATTIA	ACCTGGAATT	TCIGHCITI	AAATAGCTAT
3901	. TGAAACIGCT	GIGGIATGCG	GGTCAATGGG	CTAGGTACAA	AAAGTGTTAA
3951	. Aaatgtagta	ACATATOCTT	ACCATTTAAG	GGAAGTAATC	ATTGTAAAGT
4001	. TTAGCAGGGG	i agatatgcat	ATATAATAGC	AAACAAAAAT	AGTTTGTTGT
4051	. CTTTTCTATA	TGAGTATTGG	GTGTCAGAGA	GAAAAGCCCCC	AAAAGAAGGC
4101	AGAATTGACA	GAGTTAACAT	TTAAAGACTA	GITCCAACAT	TTACCATATT
4151	CCTGCCTGGG	ATTACAGATT	TTTTAATGCA	GTCAAGATAA	CAGCAGICTT
4201	TIGTITATCA	пантис	AAATTCAGTT	AAGTAGATOC	THEGICIE
4251	CTCCCTCCCT	110171110	THITTI		TTTTTTCAC
4201	ACACACACAC	ACCAATTCCC	AGAGAGACCA	TACCTTOCCC	ACCCATCACA
4261	ATTEMORY	CECAAACTCE	AGAGAGA	IAGCITIGOL	AGGGAIGAGA
4331	ATTTIGOAGI	GICAVAGICI	CTACCTACTA	CHGICCCA	AAGIICIAAI
			ACTGGGTAGC		
4451	. IGGITTICI	TITIGCACTCT	GTGGAACTTT	GIGITTOCA	TTTTGATGAA
4501	. ТАТСТТТТТ	CITTITACIC	AGTTCAGTCT	TTGACAACTT	TTTCAGTCAT
4551	. GITTGIGIAT	GIGIGGGTAT	ATATCATATA	AACAGTTGCA	CAGGTGTGCT
4601	. AGTTAAATGT	GTGAAGATCT	TIGIGITICI	CTGCCTGACT	GCTGTATATC
4651	TATTTATGGT	TGTGCCATTG	CACAAGGGTG	CCCAACTCAG	GGGTAAGTGG
4701	GGACTGAAAA	CCAGCCTGGG	CTCTGGGTGC	COMBINE	ATTOCTACAG
			ATGGCCCTGT		
4801	AACAATGGCC	ATTACTTGGG	TGCTAGGTAA	TACATATATE	ACTICATAGAT
4851	CITAACCCCT	GACGAAGAAA	ACAGATTTAA	ACTIACTOCT	CAAAAAATCC
4001	TTACAACATA	CTCTTTAACC	CAGTTATIGT	TCACATCTCT	CTCTCTTCCC
4051	CTCTCCCCTA	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	TTTCCTTCAG	TOAGAICICI	CICICITUL
4337	CIGIOCIA	CALTICIC	ATTENDED	IGUALALA	CACACACAA
2001	GGIGITICAL	GAAGICCCIC	ATCTACCACA	GICACIGITA	TTTGAGAATA
			GTCACACTTT		
5101	CTGAGTCGTC	TGTGATCAAG	CATATGCAAG	CTTCAAATAC	ATGCCAAAAA
5151	ATATCTGGAA	TTTGTTTAAG	CCTTTTATTT	TTCAAAGTTT	TGGTCTATTT
5201	TCTATTACCG	TACTCATGAT	GGATAATCCT	GGTGTTAGAG	TACAGCTAGT
5251	TCTGTCTCCT	TGTTTCCATT	ACTICITIAT	AGCAAGTGAC	TAGCCTAAGG
5301	ATATACAGGG	AGGTGGTGGT	GGAATGGAAT	CTAGGTCTCC	AAATGATGGT
5351	GCGCATTTCT	TGAGTACTTT	CCTGTGGCTA	AGCACTITAG	ATGCGTTCCT
5401	ATTTAAACCT	TACCACGATT	CTCTGATAGA	CTTIGITAAT	ATCTTTCTTT
			TTACAGAGTT		
5501	AATTCAACCC	CACCETTATIC	TGACTCTAAG	ACCTICCCATT	TTTATTTTAA
5551	TTATTTATTT	ATTTAAAATA	TGGAATGCTT	CATICAATTITIC	CATTCTCATTCC
5601	THETTICACCC	CTCACCCTAA	TCTTCTCTGT	CTCATTOCAL	CAIGICAICC
2007	TIGHTOAGG	AACTECTECT	CAACCAACCA	GICALICCAA	TITIAGIAGA
			GAAGCAAGCA		
2\OT	ALICAICAIA	I IGAI IGAC	TAGATAACAT	ICIGCAMATA	CGAIGITITT
			GTGTTAGTGA		
			AGGGTCCCTG		
2827	GIGAATAAAC	AATTGCAAAT	TATTAATGTC	TCAAACTATA	TTTCTGAAGT
2901	GTAGAGAGAC	TTCCATAGAA	GAACAAGATA	CTTCCATATG	CCGTTCAAGC
5951	AAAAGTCTGG	GGTTTCCTTT	GAAGAACTTT	TAGATTGATC	CACAGCAGGA
6001	CAATGITICT	AGGCAGAACT	GAGGAGGAGC	CTTTCTTAGG	CTCACTTCTC
6051	TTCAGGGCTC	TGTTAACTCT	TCCCACGCAA	TGGATAATCT	ACCCAAAATT
6101	TCTCAGGAAA	GGGCCTGAAG	AAGTTCATTC	ACACTAAGGT	GTAAGTGAGT
6151	TTACACATCT	TACTGTTAAT	TCTCTTTATA	CAAATGTTTA	CCAAGTTATC
6201	TAACACGCTT	TGTTTTGGGC	TCTGTCCTGG	GGACTGGAGA	TAATGACTGA
6251	GAGAGAAAAT	GTCAGCTGTT	TCAAAGTAGC	TTAGGATCTG	TIGTCCCATA
6301	CAAATTAATA	ACAGACCAGA	AGTAATAGAA	TATTITOTIC	AAGGATTTTC
6351	ΔΑΤΑΤΑΛΓΑΓ	GACTICAGTTT	TACTATAAAA	CCCTCAAATT	CTANGETCAT
6401	TTCAACAGGT	CCTROCCTTC	GGGGTGGGGA	ACCCATTICA	CCCCTCCTCC
6451	TCTATOGETA	TAAATCTCAC	TTGGTGAAAT	TANCACTOR	CAAACCCCAA
6501	CTANCOCAAC	TOCANCETTO	GCAGTAGAAC	CAATCAAAAA	CACACACACACACACACACACACACACACACACACACA
6551	ATCACACTOC	CATTATICE	CCCAGCTGCC	AATCACATA	CACTEACAC
CCV1	ACTOTOTOTO	ACATACTAC	CONCIGC	MIGACATOG	CACTCAGAGG
COUL	AGIGICICAC	ACATACIGCI	CTGTCTGAGG	GAGCAAGCTA	AGCTIGAGTT
002T	GICICHIT	HIGHGHIT	mmm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	GACAGATTCT
0/01	CACICIGIOG	CLCAGGCTGG	AGTGCAGTGG	CACCATCTCG	GCTCACTGCA
0/51	ACCACTGCCT	CCCAIGCA	AGCAATTCTG	CCTCAGCCTT	CCGAGTAGCT

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6801	GGACTACCTG	CGCTTGCCAC	CACACCTGGC	TAATTTTTGT	ATTTTAGTA
6851 (GAGACAGGGT	TTCACCATAT	TGGCCAGGCT	GGTCTCAAAC	TCCTGACCTC
				CTGGGATTAC	
6951	CACCGCGCCCT	GGCCAAGTTG	TCTCTTTTA	GTTGAATTTT	TACCTGTTCA
7001	CATGIGIATT	CTTCTTGCCT	AGGTAGAGAG	GAATCAGACA	CTCTGGGGAA
				пытист	
				CTGTAATCCC	
				AGGAGTTTGA	
				AAATACAAAA	
				ATTCGGGAGG	
				GTAGTGAGCC	
7351 (CACTGTACTC	CAGCATGGGC	AACAAGAGTG	AAACTCCGTC	TCAAAAAAA
7401	AAAAAAGAAA	AGAAAAAAG	AAAAAAGAAA	GAGCAACTTT	GTTTTAACTC
7451	TGCTAGATAC	TGGAAAACCC	ATGGAACTAA	TGAAGAGCCT	AGGGCTTTTT
				AGCCTGGGCA	
				ATCAAAACAT	
				CTGAAAGGGA	
				TGTATGGAGA	
				TTCAGTAGCA	
				TTGCTAGCCC	
7801. °	TCAGGTCAGT	TAGTGCTTCC	TCAGAAATTG	TTCCCCCCAC	ACCAAGTTTT
7851	CACATTTACA	GTTATACTGA	TATCCACATT	GTACTGTTGT	ATGTGACACC
				GAAATTAACT	
				TAGTAGGAAA	
				TTTTAGTAA	
				GTTCATGGTC	
				TTACACTGGA	
				AACCAATCTA	
				TCTAGGATTT	
8251 (GTGAGTATGG	TATGGGGGTT	TCATACTTCA	TTTCCAGAAT	GTTTCTGGAT
8301	TAAGTGCGAG	ACTGAATAGC	ATATATAGTG	AATTCTAATT	AAATACAACA
				AATTAAAAAT	
				AGCCAAAATG	
				CTTTTAGAAT	
				TGTTGCAGTT	
				TCCTGCTTTC	
				CACTGTGTTC	
				ACAGGTACAT	
8701 ⁻	TAACATGAAC	TCATTTTCA	GCTACACCAT	ACAACCTTCC	CTTACTACCA
8751	AAAATGACAG	CCCATTTGTC	GGCATTCTTC	TGAATCCATA	TTCCTCCTTC
				TTTAAGTCAG	
				CITACCIGIT	
				CTCATAAATC	
				TTCATTTACT	
				CAGGCTGGAG	
				TAAGCTCAAG	
				GGCACATGCC	
				GGCATCTTGC	
				ACCCTCCTGC	
9251 (CAAAGTGTTG	GGACTACAGG	CGGGACCTAC	TGTGCCTGGC	CACCTTCATT
9301	ACTATTGGCA	ACAATTAGTC	ATAACCCCTT	AACAGGATTG	CITGICCICA
				TTGGACCATA	
				TAGGAAAATG	
				GCCTGGCCCCT	
9501	CCTCCTTCT	CTCCCTTACT	COCCU	TTCTAGCCAA	CTCTACCTC
9301	TACACTICI	COLLINCT	GICTIGIG	TICIAGCOA	TACCITICATE
				TTTGCCTCTG	
				GCTCCTTGTG	
				CAATCCTGGG	
				CACTTGGAAT	
				AAATAAGTTA	
				ACCTATTCTA	
9851	CCCGTGAAAGC	CATTTTAAAG	ATGATCCATA	TTTGTTAAAG	TGGTAATTTT
				CCACCCAAAT	
				GGGAGGGAGG	
				TITICCIGIGC	
10051	ATACTTAATA	ACTICITY ATTEN	CATCTCATCC	TTTATAAAGG	CCVCIII
10101	TOCACACTET		THECENTER	AGACATGCCT	
10151 -	TTCACCTTCC	ACCATCATTO	TOCCAIGIA	CTACCCATC	CAACTC
TOTOT	HACHIC	DITEDIALLA	I GAROCCI CC	CTAGCCATGT	GOAACIGIGA

10201	GTCCATTAAA	CCTCTTTTC	TTTATAAATT	ACCCAGCCTC	AGATATTTCT
	TCATAACAGT				
MS2T	ICAIAACAGI	AIGWWIGG	AGIAAIACAI	TOALIACO	17771377713
10301	GCTTTCATGT	ACATTATTTT	TTAGAGTAGC	CITGIGGIAT	GICATTACCT
	CCATGGATAG				
10401	AGTATTTACT	TTTATTAAGT	TGAACTTAAG	AGCAGCTTTT	TGGCTGGAAA
	AAAGTTGTAC				
	, , , , , , , , , , , , , , , ,				
10501	CCCCAGCCTG	AAACTATTTA	CTACATATTT	ACTTGCATGT	TCTTTAGAAT
	ATTCTCTCAA				
10601	ATTTTTGGAA	AAGAATTCCA	GAGTTATCAC	CCCTACCTA	GAAATCTGGT
TOOT	CTTATATTCA	AAT IAAACAA	GAMACCITA	ACAMANACAA	GCIAAACCCI
10701	AAACATAACA	TIGAACAGTICA	CCTCACCACA	GTTCTGAGCA	CTGCCTTGG
	CCTGGTGCCA				
10201	AGAACAGGAA	ACTICCACCAC	ACCTTGGGAAC	TIGGGAGACC	CACCACATAA
10851	GACAGATAGC	CIAICAGIGG	CIGGAGGAAT	GGAGGAAAGC	AGIGCITICA
10001	AATGTACATG	CCAAATGTGT	ATTATTCATAC	CTCTTTGTTA	AAGTGCCTTC
TOAPT	TTTAACAGCA	AMGIAATIC	CICACCITIC	AIAIAGGAAL	IAVVVVVVG
11001	TCGATGAAGA	AATGGCTTGC	CTTATTTCA	ACTAAGAAGT	CTTTTTCAT
TTO2T	TTCACTAATT	ITTAATTAIG	GGCATAAGTA	IGAAAIACAG	ALIAGAAAIA
11101	CTGAATGTGG	ACCAAAGCAA	тапсти	CTCCACCAAA	CCACTGAATC
	пппсп				
11201	GCTCTCTTGC	TCACACTICCA	GTGCAGTCAG	TGATGTGATG	GCTCACCATA
	ACCTCAACCT				
11301	GCTGGGATTA	CAGGCACATA	CCACCACACC	TEGETAATTT	TTAAAAATTT
	TTTTGTGGGG				
11401	GAGCTCAAGT	CATTCTTCAA	CCTCAGGCTC	CCAGAGTGTT	CCCATTACAG
	GTTTGAGCCA				
11501	CCCCTCTTGA	ΤΔΔΔΓΔΤΔΔΔ	AGTCTCATGG	TACTTCAGAA	TITIGITGCA
11551			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CACTOCCACA	ACACA ATCTC
TT22T	CACATCCAAG	IGIAGITIGE	CHICHG	GAGIGGCAGA	AGALAAIGIC
11601	ATACTCTGTA	TITATCCATC	AGCCAAAATT	TTGTCAAGCT	TTACTTTTAT
	TTTTTAAATT				
11701	CGCCCAGGCT	GGAGTGCAGT	GGCGTGATCT	CGGCTCACTG	CAACCTCCGA
77/27	TGCCTGGGTT	CAMBUSALLI	ICGIGICUA	GC1CARA	CHICLIGGGAL
11801	TACAGGCACG	CACCACCATG	CCTGGCTAAT	TTTTTGTAT	TTTTAGTAGA
11051	CCTACCCTTT	CCCCATCTTC	CTCACCCTCC	TOTOCAACTO	
11851	GGTAGGGTTT	CCCCATGTTG	GTCAGGCTGG	TCTCGAACTC	CTAATCTCAG
11851 11901	GTAGGGTTT	CGCCTCAGTC	TCCCAAAGTG	TCTCGAACTC CTGGGATTAC	CTAATCTCAG
11901	GTGACCCACC	CGCCTCAGTC	TCCCAAAGTG	CTGGGATTAC	CTAATCTCAG AGGCATGAGC
11901 11951	GTGACCCACC	CGCCTCAGTC	TCCCAAAGTG TACTTTTAGT	CTGGGATTAC TATGTTGTGG	CTAATCTCAG AGGCATGAGC ATATAATTAG
11901 11951	GTGACCCACC	CGCCTCAGTC	TCCCAAAGTG TACTTTTAGT	CTGGGATTAC TATGTTGTGG	CTAATCTCAG AGGCATGAGC ATATAATTAG
11901 11951 12001	GTGACCCACC CACCATGCCC AATTATTTTC	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA	TCCCAAAGTG TACTTTTAGT AATACAGAAT	CTGGGATTAC TATGTTGTGG TATAATATTG	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT
11901 11951 12001 12051	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT
11901 11951 12001 12051 12101	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA
11901 11951 12001 12051 12101	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA
11901 11951 12001 12051 12101 12151	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC	CGCCTCAGTC GGCCAAGCTT TIGITCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCTCTAG GCCGCTTTCC TTTAAATTCA	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT
11901 11951 12001 12051 12101 12151 12201	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA
11901 11951 12001 12051 12101 12151 12201	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA
11901 11951 12001 12051 12101 12151 12201 12251	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTGCACCTAC	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTGGTCTAC	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT
11901 11951 12001 12051 12101 12151 12201 12251 12301	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTGCACCTAC TTTGCTAAAG	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTGGTCTAC AGCTGGGCGG	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC
11901 11951 12001 12051 12101 12151 12201 12251 12301	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTGCACCTAC TTTGCTAAAG	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTGGTCTAC AGCTGGGCGG	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC
11901 11951 12001 12051 12101 12151 12201 12251 12301 12351	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTIGCACCTAC TTTIGCTAAAG CCAGCACTTT	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC GAAAACCTGA	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTGGTCTAC AGCTGGGCGG TGGAGGCCGG	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT GTGCCGTGGC	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC TCATGCCTGT
11901 11951 12001 12051 12101 12151 12201 12251 12301 12351 12401	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTIGCACCTAAAG CCAGCACTTT AAATCTTAGC	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC GAAAACCTGA ACTTTGGGAG	TCCCAAAGTG TACTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTGGTCTAC AGCTGGGCGG TGGAGGCCGG GCCGAGGTGG	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT GTGCCGTGGC GCGGATCACT	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC TCATGCCTGT TGAGGTCCGG
11901 11951 12001 12051 12101 12151 12201 12251 12301 12351 12401	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTIGCACCTAAAG CCAGCACTTT AAATCTTAGC	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC GAAAACCTGA ACTTTGGGAG	TCCCAAAGTG TACTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTGGTCTAC AGCTGGGCGG TGGAGGCCGG GCCGAGGTGG	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT GTGCCGTGGC GCGGATCACT	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC TCATGCCTGT TGAGGTCCGG
11901 11951 12001 12051 12101 12151 12201 12251 12301 12351 12401 12451	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTIGCACCTAAC TTTIGCTAAAG CCAGCACTTT AAATCTTAGC AGTTAGAGAC AGTTAGAGAC	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC GAAAACCTGA ACTTTGGGAG CAGCCTGACC	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTGGTCTAC AGCTGGGGGG TGGAGGCCGG GCCGAGGTGG AACATGGAGA	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT GTGCCGTGGC GCGGATCACT AACCCTGTCT	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC TCATGCCTGT TGAGGTCCGG CTACTAAAAA
11901 11951 12001 12051 12101 12151 12201 12251 12301 12351 12401 12451 12501	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTGCACCTAC TTTGCTAAAG CCAGCACTTT AAATCTTAGC AGTTAGAGAC TACTAAATTA	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC GAAAACCTGA ACTTTGGGAG CAGCCTGACC GCCGGGCATG	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTIGGTCTAG AGCTGGGGGG TGGAGGCCGG GCCGAGGTGG AACATGGAGA GTGGCGCATG	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT GTGCCGTGGC GGGGATCACT AACCCTGTCT CCTGTAATCT	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC TCATGCCTGT TGAGGTCCGG CTACTAAAAA CAGCTACTGG
11901 11951 12001 12051 12101 12151 12201 12251 12301 12351 12401 12451 12501	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTIGCACCTAAC TTTIGCTAAAG CCAGCACTTT AAATCTTAGC AGTTAGAGAC AGTTAGAGAC	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC GAAAACCTGA ACTTTGGGAG CAGCCTGACC GCCGGGCATG	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTIGGTCTAG AGCTGGGGGG TGGAGGCCGG GCCGAGGTGG AACATGGAGA GTGGCGCATG	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT GTGCCGTGGC GGGGATCACT AACCCTGTCT CCTGTAATCT	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC TCATGCCTGT TGAGGTCCGG CTACTAAAAA CAGCTACTGG
11901 11951 12001 12051 12101 12151 12201 12251 12301 12401 12451 12501 12551	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTGCACCTAC TTTGCTAAAG CCAGCACTTT AAATCTTAGC AGTTAGAGAC TACTAAATTA GGAAGCTGAG	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC GAAAACCTGA ACTTTGGGAG CAGCCTGACC GCCGGGCATG GTAGGAGAAT	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTIGGTCTAG AGCTGGGGGG TGGAGGCCGG GCCGAGGTGG AACATGGAGA GTGGCGCATG CGCTTGAACC	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT GTGCCGTGGC GCGGATCACT AACCCTGTCT CCTGTAATCT CGCGAGTTGG	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC TCATGCCTGT TGAGGTCCGG CTACTAAAAA CAGCTACTGG AGGTTGCAAT
11901 11951 12001 12051 12101 12151 12201 12251 12301 12351 12401 12451 12501 12551 12501	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTGCACCTAC TTTGCTAAAG CCAGCACTTT AAATCTTAGC AGTTAGAGAC TACTAAATTA GGAAGCTGAG GAGCCAAGAT	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC GAAAACCTGA ACTTTGGGAG CAGCCTGACC GCCGGGCATG GTAGGAGAAT CATGCCATTG	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTGGTCTAC AGCTGGGCGG TGGAGGCGGG GCCGAGGTGG AACATGGAGA GTGGCGCATG CGCTTGAACC TACTCCAGCC	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT GTGCCGTGGC GCGGATTACT AACCCTGTCT CCTGTAATCT CGCGAGTTGG TGGGCAACAA	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC TCATGCCTGT TGAGGTCCGG CTACTAAAAA CAGCTACTGG AGGTTGCAAT GAGTGCAAT GAGTGCAAT
11901 11951 12001 12051 12101 12151 12201 12251 12301 12351 12401 12451 12501 12551 12501	GTGACCCACC CACCATGCCC AATTATTTTC TTAAAAAAAT TAGTGAGTGA AGAATCACTC AGTTAAGTCT TTGCACCTAC TTTGCTAAAG CCAGCACTTT AAATCTTAGC AGTTAGAGAC TACTAAATTA GGAAGCTGAG	CGCCTCAGTC GGCCAAGCTT TTGTTCTTTA TAGTAAATGT GGGGAGCTGT ACTAAGGAGT AAATGAAAGG GGAAAGGTGC ATTAAATTGC GAAAACCTGA ACTTTGGGAG CAGCCTGACC GCCGGGCATG GTAGGAGAAT CATGCCATTG	TCCCAAAGTG TACTTTTAGT AATACAGAAT ACCCCTCTAG GCCGCTTTCC TTTAAATTCA TCAATGATTA ATTGGTCTAC AGCTGGGCGG TGGAGGCGGG GCCGAGGTGG AACATGGAGA GTGGCGCATG CGCTTGAACC TACTCCAGCC	CTGGGATTAC TATGTTGTGG TATAATATTG AACTTCTGAT TCCTCCAGTG ATTAAAGGTA AATTAATGGA AGTTCAGCTA GGTGGCTCAT GTGCCGTGGC GCGGATTACT AACCCTGTCT CCTGTAATCT CGCGAGTTGG TGGGCAACAA	CTAATCTCAG AGGCATGAGC ATATAATTAG AATGTGTGCT CTATGCCTCT CCTCCACTTA TCCTTTAGAT TAAAAGTCCA GTACCTATTT ACCTGTAATC TCATGCCTGT TGAGGTCCGG CTACTAAAAA CAGCTACTGG AGGTTGCAAT GAGTGCAAT GAGTGCAAT
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	CCACCATGTT				
	. Atggagaggg				
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	. GAATGGCTCA				
	. ATTGCTTGAG				
	CCATCTCTAC				
	. GTAGTCCCAG				
	. AGGTCAAGGG				
	CAGCAGAGCA				
	. TTTCAGCATA				
	ATTTAMACTA				
	. ATTAGICTAT				
	. TTATTACTTC				
	. TGAAGCCTGA				
	. ACTTGAATTT				
	. TGAATTIGTA				
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	. AGCTAATTTT				
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	TTAACACTTT				
	ACATACATAC				
	GTCTATCAGT				
	CITICICICC				
	ATATATATAT				
	AGACAGGATC				
	GGCTCACTGC				
	CCTCCCAAGT				
	TTIGIATITE				
	CTGAAATCCT				
15651	GCATTACAG	GTCTGAGCCA	CTGCGCCCAG	CCTAGATTTT	TITGAATIGT
15701	AAAAAAGTAA	CCTCCTCCCT	ACTGAAGTAA	ATAGAGTTAA	AAAAAGTAAT
	CTGGTACAGA				
	CCTATAATCA				
	AGTTAAATAG				
	CTTCTAATTA				
	TCAGATTTGC				
	TCTTGCTGTG				
	GCAACCTCAA				
	AGCTGGGACT TAGTAGAGAC				
	GTCTCAAGTG				
	TGTCAGCCAC				
	TITIGITIE				
	TCTCATAAGG				
	ATTGGTCTAC				
	CAGGCAGTGT				
	AATIGITIT				
	AGTGAGATTA				
	ACATTGCCAG				
	AGTGATGTGC				
16701	ATTAGTATTT	GCTAATTTGA	TAAGTACTAA	TGATATTTTT	TAAAAGTAGT
	TTAAAATCAT				
	CTTTAGAAGC				
	AAGAGGACAT				
	GTAATGAAGG				
TOAT	ACATCTTGGC	ACCIACACCA	101CCHGH	ICCICICCIG	ICHAGCCA

17001	GGTGTTGATC	AAGGTCTGTC	TTAGGGGGGG	GGATAGGAAT	GGAAATAAAC
17051	CATGTAGAGA	CTTGGGCATG	AGGACTTIGT	GATTCTTCCA	GGTGACATCT
17101	CATCCTTCAG	AGGATCAAGT	CTGCAAGAGT	AGCCATATCT	TAATCTCTTT
17151	CAGTGCTATC	ACCTTGCATC	AACCTCTGGA	CTCGAGCTAA	TTCCGTTGAA
17201	AATATTTTAT	TAATTAATTT	TGGGGTATGT	TAAAAATTTT	GTTTGCATGT
17251	ATTTATTTAG	TATTTTATT	GAGACAGGGT	टाव्हटाटाडा	CACCCATGCT
17301	GGAGTACATA	CGGTTGCACG	CTCATGGCTC	ACTGCAGCCT	TGACTTCCCA
17351	GGCTCAAGTG	ATTOTTOCAC	CTCAGCCTCC	TGAGTAGCTG	GGACTACAAG
	TGCATGTCAC				
	TTCGCCACAT				
	CCTGCCTCAG				
T/ 20T	CIGCICAG	CICCOSVIG.	IGCIGAGATT	TITTLE	CCACTTTCAC
T/22T	CCGGCTCCCC	AIIIAAIIII	GIIGIIGIIG	IIIIIIAGAI	GGAGI I ICAL
1/601	TCTTGTCGCC	CAAGCTGGAA	IGCAAIGGCA	CAICICGE	TIACGGCCAC
17651	TTCCACCTCC	TGGGTTCAAG	CGATTCTCCT	GICTORGGE	CCCGAGIAGC
17701	TGGGATTACA	GACACACGCC	ACTATACCTG	GCTAATTTT	GIATITIAG
17751	TAGAAATGGG	GTTTCACCAT	GTTGGTCAGG	TGGGTCTCAA	ACTATTGACC
17801	TCAGGTGATC	CACCTGCCTC	GGCCTCCCAA	AGTGCTGGGA	TTATAGATGT
17851	GAGCCACCAT	GTCCAGCCAC	CCATTTAATT	TTTTGAGCAC	AAAATATGTA
17901	CTGAGAGCCA	CGCAAGAAAC	AAATTOGACT	TATTCCATGC	TCTTGAGAGG
17951	TCATGAGGGG	AAACAAAATG	ATACATAAGT	AACTCTGAGA	GAATATGCTG
18001	CACATGCTAA	ATCCTGTGCA	AGTAAGATAT	AGGATTTTAG	AGGAAGGGAG
18051	AATGACTTCT	GATTGAGCTG	ACTAGAGAAG	GCTTCAGTTT	TTGAGTTAGG
18101	TGTTACGAGA	TTTGGGAGACT	TITCTCAGCA	TATCTAACAG	AAGAGGGTAT
18151	CCGAGGTGAG	ACTICTANGGC	CTEGGCAAGG	CITICGGAGGC	ACTTICTAATA
10201	CTGAATGTTC	TCACTICTICCE	TTACTATICTA	TITCACCITA	THETTAA
10201	TCTATCCAGT	AATCCTTTCA	TOTALONA	ATCATCATC	TOTAL
10201	GGGGCTACTA	ACCCTACTAA	CTACTCACCC	TOCATTIANA	CTTAACTICTC
10361 T030T	CAGCITOGIG	AGGCIAGIAA	TITATACTEC	ACTICCACACT	CCCCTTATTA
18401	AGTGAATGAC	AAGGAGIIIG	ATTIGICAG	GGCGAGGAT	AIGIAGIGAA
18421	AGGTCATAGA	CIAIAAGGCI	GGCAAAGAAT	GUGGGGCIG	CCCAATCCCC
18201	GATCTAAATG	CCAAGGIAAG	CHIGGACATT	ATTIAATAGA	GGCAAIGGG
18551	AGATACTGAG	GATTICIGAA	GAGGGTTICI	AAGIAGIGCI	IIAAAAAGAI
18601	стствеетть	CAGAGGCAAG	AAATAGGAGG	AACACCAATT	ACAAAGCCCC
18651	GACCGAAAGC	CGAGTGAGAT	TTGAGGGTCA	GCCATGGAAA	TGGGAATGAA
	GGGACAGATG				
	GAATGGGTTG				
18801	TCTGGAGCCT	GIGICTIAAT	AATTTTTGAT	CAGGGAGACC	TACAATACAT
18851	THIGIATIG	GCCCCACAAA	ATCATGTCGA	CAGCCCTAGA	TGATGTCATG
18901	GACAGGTATG	GGGCATGAGG	AGAAAGAGTT	GCCAGGGAAA	GGCTGGCTCA
18951	CATTTTAGAC	ATGTGGAGCG	TTAAGGGTCA	GCAAGACATC	AAGGGCGATG
19001	TCAGGCAGGT	AACTGGAAAT	GCAAACTGGT	AGTCTCAGAG	TGACGCTGAG
19051	TCCAGTGGTG	GGGCTTTGGA	AAGAACATGT	ATCTCTAAGA	GGAACATGAC
19101	ATAATGGAAA	CCCAGAAATC	CTGTCTTGAG	CGGACTCAGG	GGCTGCTTCT
19151	AGGTAATTTA	GTTCATTTCT	ACTGAAATCA	TTATATTTAA	AAGTATGGCC
	GCACTGAGAT				
	AAAAAAAAA				
19301	ATTICICTAA	TTCAGATTTG	CGTCTTCCCA	AGGGTCAAAA	TTATATTTT
19351	ACTATCCCTG	TCTTAGGTAT	TTCCAAAACT	TOGICTTAAG	ACTTAGTCAT
19401	пппссп	CAATTTGACA	TGACTGCTAA	AGACTITIGG	CATGITICCTC
10451	CTCCTTTCAT	TIGICATICA	ATTAAGTTIGG	TCTGTAAGTC	TIATITITAA
	GATGTTCTAG				
	ATTIATGIAT				
10601	CAAGCAGATG	ATCTTATCTT	ATATATTCAC	AGAGTITAGT	AACTGAGCCA
19651	ACTACTICAT	TOCOCACTOCA	AAATGAAAAC	ACCTAATTICT	TTTAAGTAAG
10701	TATAGATTCT	ACTICATION	ACACITATCE	ACCAGACACTA	CTATAATACT
10751	ATTATAGAAT	ACTOMA	AACTTATCTC	ACTOCOACTO	CCCTCCAATA
10001	TTGCACAGTT	THETTACCCC	ACCACCTCTC	ATCTTTATCC	CACTITICIDE
10001 TOOOT	. CATTTGAGGT . CTGGGAAGGG	I I GI I AGGGG	ANTTOACATA	ATAACTACCC	ACCTECCEAC
	. CIGGGAAGGG . ACACAAGTGT				
	TCAAGAGAGT				
	CCACACTGTT				
20101	TGTGTTGACT	CAUGIGCIGT	CLIGIGATET	CICAGGACTC	AGGICCIGAA
	TICCICIGIT				
20201	. CCTGGAGGAA	GAACCAGTAA	CAGCAGAGGG	TGGATGAAAG	GGAATIGATA
20251	. GTTGTGTAAG	AATAGATATC	IGCGITITI	IGTAAGCCAA	GALACCITIA
	CCCTTCCAGT				
20351	. AATCIGTATT	AMGLAWAG	ICAGCAIGTA	AGGIGGIATI	HIGACCACAI

12/65 20401 TTGTCTGCTG TTGTGCCTTC TGGGTGAACT GAAGTACTGG CTTACTGACT 20451 AGTAAATATG TTTTCTGACA ATTATAGGGA AGGGAAGAAA AGGAAAGTCC 20501 AATTAAAGCA TTTTTCTCCT CAGAGTTTGA AAAATAGAAT TCATGCAATC 20551 TTTTAAATTC CATGCCAACA CATCAGACAA GAAGAGACTT GATAGTAGTA 20601 AAGGTTGGGA ATCAAAAGAA CAATGTAAGT TTTTGATATT GACTTCAAAA 20651 CATGGTGTTC TATAATTTAG TGTTCATTTG TTACGTGTAT GGTATTATAA 20701 TTAATTITGT ATATGIGGTA GITATTITTT GTACTITGAT TAGGAAACAA 20751 ATATTGAGCC ACTICAAGAG GCAGACTATT TTGGAAAAAA AAGTCTGGTA 20801 AAAGTAATGC TTAATCTAAT TAATCTGTCT TCATCCTCTT AATTCATCAA
20851 GATGACTTTG GGTGTCTGGT GGCAACTGAG AATGGGTTAT GGAAGAACGT
20901 CAAGGCAATG TAATCCCTAT TATTTACGGT TACTTGAGAG GATAAATTAA 20951 TCAGCOGTCA CTAATCTTTG GATAATCACT CTATTGAGCT GGAACTATCC 21001 TTAGTATTIT GGAAAGCAAG TCAGTGAGTT AGAACTGTCA AAACTGATCA 21051 GCTTTTCTAA GCTTAATGAT AAGTGAATAG AAACTAGTTG CCTTCAACCC 21101 TITICCTCCCT GCATTGCAGC ATGATCATTC TIGTAACTCTIG GAAATGGTTT 21151 ATGGAACAAC AGTGAAAATA CATTGATACA CTGTCTTIGTIG GTAGATTTTC 21201 AGATAGGCTT TAGACAAAGT TCAGAGCCTT TCCTCTAGCT GGGGATTAAC 21251 AAAGCTGCCT TCATAGTTAA ATGTTTGCAC CCTGTGTATG CATTTTCAGT 21301 TACTAGAATT AGGTAAGITA GTGTTATAAA ATTGGTTTGA GTGTGGATTG 21351 TITAGGAAGT GAGICITTIG GIGGCAGCAA TICIGITAIG CATTAAATAG 21401 ATACATATTT TGAACTAGTC GACATIGTTT CAGICIGTAT TTATTAGATG 21451 CTGGGGTGGG TATGGGAATA AAGAAACGTA TGAGGGGTCT TGGAAAAGTT 21501 CATGGAAAAA ATGTACACTA TGAAAAAAAA CTGTGCATGG ATTTCAAAAT 21551 ATTTTTGAAC CAAAATCAAC TTGTACTAAC TTGTTACAAC ATGTCTGAAC 21601 TTGTTACAAC ATGTCTGAAC AGTTCGAGAC ATTAAGAAAT GATATCGCAC 21651 CAGTTTTTAA AAAGCGCCTA TCAGGGTAAC ATGAATTCTG CTAAAATTGA 21701 AGCAAGAACA AACATCAAAT TTATGGTGGT GCTTGGGTAG AAGGATGGTG 21751 AAATCATTGA TGCTTTACAA AAAGTTTATG GGGACAATAC TCTAAAGGAA 21801 CCAGCAGTTT ACAAATGGCT AACATCCTTT AAGAAGGGAC GAGATGATGT 21851 TGAAGAGGAA GCCCACAGCA GTAGACCATC CGTGTCAATT TTCAAGGAAA 21901 AAATTAATCT TGTTCATGCT GTAATTGAAG AGGGAACTTT ACATGAAATT 21951 TTAAACAAGT GGGATTGAGA TCCTGTGGCA TATGTCTGAA GGATTGTAAT 22001. AGGAGAGGAA ACATGGCTTT ACCAGTATGA TGCTGAAGAC AAAGCACAAC 22051 CAAAGCAATG GCTACCAAGA GGTGGAAGTG ATCTAGTTAA AGCAAAAGCA 22101 GACTAGTCAA GAGCAAAGGT CATGATAAGA GACTTTTGGG ATGCTCAAGG 22151 TATTTIGCTT GTTGACTTTC TGGGGAGCCA AAGAATGATA ATATTTGCTT 22201. ATTGTGTGTG TTTTGAGAAA ATTAGCCAAA GTTTTAGCAA AACAAACAAA 22251 TACCCAGGGA AGCTITACCA GAGAGTCCTT CTCCACCAGG ACAATGTTCC
22301 CGGTCATCCT CTCATCAAAA AAGGGCAATT TTGCAAGAGT TTTGATGGGA
22351 AATTATTAGG CATTCACTTA CAGTCTTTTT TTTTTTTTTA GTTGGAGTCT 22401 TACTITIGTOT COCAGGOTGG AGTGCAGTGG TGCAATCITG GCTCACTGCA 22451 ACCTCCACCT GCCAGGTTCA AGCAATTCTC CTGCCTCAGC CTCCCAAGTA
22501 GCTGGGATTA CAGGGTGAT CCACCATGTC CAGCTATTTT TIGTATTTTT
22551 AGTAGAGATG GGGTTTCACC ATGTTGACCA GGCTGGTCTT GAATTCCTGA 22601 OCTCAGGTGA TTCACCTGTC TOGGCCTTCC AAAGTGCTGG GATTACAGGC 22651 ATGAGCCACT GTGCCTGGCC TATCTTACAG TCTTGATTTG GCTTTATCTG 22701 ACTICITITI CITICCTAAT CITAAAAAAT ATTTAAAGGG CACCTATITI 22751 TCTTCAGTTA ATAATGTAAA AAGGACTGCA TTGACATGAT TAAATTCCTG 22801 GGACCCTCAA TTCTTTAGAG ATGGACTAAT GGCTGGTATC AACTCACAAA 22851 AGTATICTIGA ACITGATIGGA GCTTATIGTTIG AGAAATIGAAG TIGTATATTTT 22901 CATTATCTTT TAATTICATT CTTTAGTGAA TTTTTTIGAGG TCCCCTTGTA
22951 TACATTTTAA TCCTAAGGGA ATAAAGAAAG GAGGAAGTCC TAGCCCTGTG
23001 CTGTCTGCCT AGGTACAGTG TCTGAAACAC AGACCAGTAT TCACCCTTTG 23051 AAATTTGAGG TTTCCATTCA GGAGGTTCTC AAAGAGAATA AATGAGATTG 23101 CTATGCAGGT GGAATCAAAG AGCACACGGC TTATTTATCA TAATCAAAAT 23151 AATGCCATTT TCATAACAAA CTTCACCTGC TTATGTACAT TGTAAATTGT

23201 TICCTTIGATA AGCTTCCCGG AGATAAAGTA ATTCAGCTAA GTATTATTTC
23251 CAATCATAAT TITIGTGTCAT TATGAGCAAC ACAATACTAT ATATGGGATT
23301 GATTCACTGC AGAACTGGAA TAAATATAAA TITAGATCTTT AGAAAAGAAA
23351 CGTAGATTTA AAAATCTTAT GTTAGAAGGC TCAATTAATT AAATGTAATT
23401 AATTTTTTAA AATCAGCTTT ATTGAGGGAT GACTTAGATA TTATATAATT
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23651 AAAATTTTAT ATGAATGGAA TCATACAGTG TGTTTTCTT TGTATCTGTT
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23751 AGTAGTTCTT TCTTTTTTAT TACTAAGTAG TATTCCATTG TATGCCTATG

23801 CCACATTTTT TTTTTTTTT TTCGAGACAG AGTTTTGCTC TGACATCCAG	
	•
23851 GCTGGAGTGC AGTGGTGTGA TCATGGCTCA CTGCAGCCTT GACTTCCCAG	;
23901 ACTGAGGTGA TOCACCTGCC TCAGCCACCT GAGTAACTGG GACCACAGGT	-
23951 GIGTGCTAGT CIGICTAATT TTTAAATTGT TTGTAGAGAT GGGGGTCTCT	-
24001 GTATATTGCC CAGGCTGGTC TCAAACTCCT GGCCTCAAGC AATCCTTCTG	•
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24101 CCTACCACAA TTTTTTATCG ATTCACATAT TGATGGATAT TGGGTTGTTT	-
24151 TCAGTTGTTG CCTATTATGA ATAGAACTGC TATGAACATT TGTATGCAAA	
24201 CCTTIGTIGG GATGTATGTT TTTATTTCTC TTTTGTACAT TAAATTTAAA	١.
24251 TITAAATTIT GITCIGTATT ATTIGTATTT TTAAATTICT CAAGIGGGTA	Ĺ
24231 III/AAIIII GIICIGIAII AIIIIIIIII IIAAIIIIC TAACAACA	•
24301 ATACTGTGTA CTTTTTTTT GAAATTAAAA AAATTGTGGC TGAACAAGGA	•
24351 GATAAAAAAG TAGGAGTGAG AGGACTCTGG AGAGTTACAG GGCTTTGGTT	Γ
24401 TAGAGGATTG GATGAATAGT GGTGCTGCCA ATAAAGAAAT TTAAATATGG	:
24451 CTGATATTTC CTATATTTAA GAAAGACCAA AGAGGGTCCA TTGAAATGAC	-
24431 CIGATATTIC CIATATTIAA GAAGGACAA AGAGGACAA TIGAAATGAC	3
24501 TCAGTGGGAA ATCTCTGATG ACTTCAGCCA GCACGCTTTC ATCGGCCTGC	
24551 ATATATGGGA AGTGAAGTCT GATTATAGTC TGTGGAGCAG TGAATGGGAG	;
24601 GAAGAGATAG GGGTACAGGC TAAGAAGGGA GGAAGTCAAG TCAAAGGGAG	
24651 AAGTAGGGTG GTAGCTAGAG GAAGATTAGA GTCAAGCGAG GGTAACAATT	i
24701 TTTTTTTT TTGAAGATAG GAGTAGCTTG AGAACTAACT TAAAGAAGGA	•
24751 GCCTGTAGAG AGGGAGGAGG TGAAGTTACT AAAGGTCTAA TTGATGGGGT	_
24801 AAGGTTCATG AGCAGATCAG ATCTTTACAA GGAAGGTTCT TGCTGGGGGG	
24851 CAAGATTCAA AACCCCTATT CAGAACCAGG AGAGAAGAAA GTAAGAATGC	
24901 GAGCAAATIGT AGGTAGGTTT GGTGAGGATC AGGAAATIGGA GGGGAAGAG	;
24951 TCATTAAATG TGGTCCTGGG GTTGAGCAGC AGATTGGAAG AGAATGGCAA	
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25051 GATTAGAAAC CATGCATTTG TAGTGAAACT TGTTTCTAAG ATTGTGCCCT	
25101 TACCCACCTC CAGCTGTGCT CTGATAGGTG AACTATACAA TTGATGTAAC	3
25151 GCTGGCAGAT AATCAAAGCC AAGAAATTTC ATGTTTTCTA TCTATTTTCA	١.
25201 CTTCCGTGCC ATATAGCTTC TCTCATATAG TACTCATATG TTTTGAGTTT	
25251 TTGGTGAAGC TGATTAAACA TTTAACAACT TTTTTTTTA CATTTTTTAT	Γ
25301 TGTGACAAAA CATATATAGC ATAAAATTAC CATTCTGGTA AATTTACCAA	١
25351 AACCCATTTA TAGCATAAAA TITTACCATTT TGGTCAACTT ACTGTAAATT	
25401 ACTGCCAGTT CTGTACAGCC ATTTGTTTAA TGCAGTCTGC TCTAATACCC	
25451 TCCAAGGCAA AATTGCAAAT AAAAACCTGT TTTGATTTCT ACTTAATTTT	Γ
25501 GGTAAATITA CCAAAAGGGC AAATTITATG CTATAAATTT TTTTTGTTT	Г
25551 GACATTIANA ATATGTTTTG TANAMANAT TGACAGATAN ANTIGTATAT	
25601 TTAACATGCA TAATGTGATG TTTTGTATTA TGTATAACAT GATGTATATC	
25651 TCATACATAA CATATATACA TTGTAGAATT GTTAAGTCTA GGTAATTAAC	2
25701 AAATGCATTA CCTCACACAG TTATCATTTT TGTGGTGAGA ACATTTTAAC	
25751 ATCCACTCTC TITAAATTIT TCAAGAATAA AATTITATCA TCTGGTCATC	-
23731 Alcoacicic Illiamilli Icansalia Antiliaica Icingical	3
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT	G r
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT	G r
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGATCATACCCC	G r
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGATCT AGACCAGTCT AGACCACATA CTGATACCCC 25901 GTCTCTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC	3
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTTCT AGACCAGTCT AGACAACATA CTGATACCCC 25901 GTCTCTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TTGTCGTTAT ATATCCTTTA ACCAACGTCT	
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTTCT AGACCAGTCT AGACAACATA CTGATACCCC 25901 GTCTCTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TTGTCGTTAT ATATCCTTTA ACCAACGTCT 26001 GCCCATTTCC CTCTCCTCTC TAACCAGTCC AGCCTCTGAG ACCATTGTAC	3 r 3 r
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTTCT AGACCAGTCT AGACAACATA CTGATACCCC 25901 GTCTCTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TTGTCGTTAT ATATCCTTTA ACCAACGTCT	3 r 3 r
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTTCT AGACCAGTCT AGACAACATA CTGATACCCC 25901 GTCTCTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TTGTCGTTAT ATATCCTTTA ACCAACGTCT 26001 GCCCATTTCC CTCTCCTCTC TAACCAGTCC AGCCTCTGAG ACCATTGTAC 26051 TTTCTATTTC TATGAGATCA GCCTTTTAAG ATTCTACATG TCAGTGAGGT	
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTTCT AGACCAGTCT AGACAACATA CTGATACCCC 25901 GTCTCTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TTGTCGTTAT ATATCCTTTA ACCAACGTCT 26001 GCCCATTTCC CTCTCCTCTC TAACCAGTCC AGCCTCTGAG ACCATTGTAC 26051 TTTCTATTTC TATGAGATCA GCCTTTTAAG ATTCTACATG TCAGTGAGGT 26101 GGTGTAAGTA TTTGTCTTTC TGTACCTGGC TTGTTTTACC ATTGTCACCC	3 T 3 T 3 T
25801 GIGGCICACG CCIGTAATCA CAACACITTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTICT AGACCAGICT AGACAACATA CTGATACCCC 25901 GICTICTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TIGTCGTTAT ATATCCTTTA ACCAACGTCT 26001 GCCCATTTCC CICICCTCIC TAACCAGTCC AGCCTCTGAG ACCATTGTAC 26051 TTTCTATTTC TATGAGATCA GCCTTTTAAG ATTCTACATG TCAGTGAGGT 26101 GGTGTAAGTA TTTGTICTTTC TGTACCTGGC TTGTTTTACC ATTGTCACCA 26151 TTTATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC	
25801 GIGGCICACG CCIGTAATCA CAACACITTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTICT AGACCAGICT AGACAACATA CTGATACCCC 25901 GICTICTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTICTTC 25951 AATTTATTTT TICCTACCTAA TIGTICGTTAT ATATICCITTA ACCAACGTCT 26001 GCCCATTTICC CICCICCICIC TAACCAGTCC AGCCTCTGAG ACCATTGTAA 26051 TTTCTATTTC TATGAGATCA GCCTTTTAAG ATTCTACATG TCAGTGAGGT 26101 GGTGTAAGTA TTTGTICTTTC TGTACCTGGC TTGTTTTACC ATTGTCACCA 26151 TTTATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC 26201 ACCCATTACT ACTGTCCTAC AATTTTAATT TGAGGCATGA CTTTGTCATC	Green Acc
25801 GIGGCICACG CCIGTAATCA CAACACITTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTICT AGACCAGICT AGACAACATA CTGATACCCC 25901 GICTICTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TIGTCGTTAT ATATCCTTTA ACCAACGTCT 26001 GCCCATTTCC CICICCTCIC TAACCAGTCC AGCCTCTGAG ACCATTGTAC 26051 TTTCTATTTC TATGAGATCA GCCTTTTAAG ATTCTACATG TCAGTGAGGT 26101 GGTGTAAGTA TTTGTICTTTC TGTACCTGGC TTGTTTTACC ATTGTCACCA 26151 TTTATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC	Green Acc
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTTCT AGACCAGTCT AGACAACATA CTGATACCCC 25901 GTCTCTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TTGTCGTTAT ATATCCTTTA ACCAACGTCT 26001 GCCCATTTCC CTCTCCTCTC TAACCAGTCC AGCCTCTGAG ACCATTGTAC 26051 TTTCTATTTC TATGAGATCA GCCTTTTAAG ATTCTACATG TCAGTGAGGT 26101 CGTGTAAGTA TTTGTCTTTC TGTACCTGGC TTGTTTTACC ATTGTCACCA 26151 TTTATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC 26201 ACCCATTACT ACTGTCCTAC AATTTTAATT TGAGGCATGA CTTTGTCATC	る「ころ」とこっていることで
25801 GIGGCICACG CCIGTAATCA CAACACITIG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTICT AGACCAGICT AGACAACATA CTGATACCCC 25901 GICTICTACAA AAAATAATAA AAAAGAATGC AATATTGICT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TIGTCGTTAT ATATCCTTTA ACCAACGTCT 26001 GCCCATTTCC CICTCCTCTC TAACCAGTCC AGCCTCTGAG ACCATTGTAC 26051 TTTCTATTTC TATGAGATCA GCCTTTTAAG ATTCTACCATG TCAGTGAGG 26101 CGTGTAAGTA TTTGTCCTTC TGTACCTGGC TTGTTTACC ATTGTCACCC 26151 TTTATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC 26201 ACCCATTACT ACTGTCCTAC AATTTTAATT TGAGGCATGA CTTTGTCATC 26251 TCTCTTCTAT CCTTTGTACC ATTCTTGATC TATAAACTCA ACAAAGTCCT 26301 TAACTGAGTA GAATATTTTT GTATGTGTGT ATAGATGTGT GTGTGTGT	ST STACET
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTTCT AGACCAGTCT AGACAACATA CTGATACCCC 25901 GTCTCTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TTGTCGTTAT ATATCCTTTA ACCAACGTCT 26001 GCCCATTTCC CTCTCCTCTC TAACCAGTCC AGCCTCTGAG ACCATTGTAC 26051 TTTCTATTTC TATGAGATCA GCCTTTTAAG ATTCTACATG TCAGTGAGGT 26101 CGTGTAAGTA TTTGTCTTTC TGTACCTGGC TTGTTTACC ATTGTCACCA 26151 TTTATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC 26201 ACCCATTACT ACTGTCCTAC AATTTTAATT TGAGGGCATGA CTTTGTCATC 26251 TCTCTTCTAT CCTTTGTACC ATTCTTGATC TATAAACTCA ACAAAGTCCT 26301 TAACTGAGTA GAATATTTTT GTATGTGTGT ATAGATGTGT GTGTGTGT	S T S T A S S T T S
25801 GTGGCTCACG CCTGTAATCA CAACACTTTG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTTCT AGACCAGTCT AGACAACATA CTGATACCCC 25901 GTCTCTACAA AAAATAATAA AAAAGAATGC AATATTGTCT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TTGTCGTTAT ATATCCTTTA ACCAACGTCT 26001 GCCCATTTCC CTCTCCTCTC TAACCAGTCC AGCCTCTGAG ACCATTGTAC 26051 TTTCTATTTC TATGAGATCA GCCTTTTAAG ATTCTACATG TCAGTGAGGT 26101 CGTGTAAGTA TTTGTCTTTC TGTACCTGGC TTGTTTACC ATTGTCACCA 26151 TTTATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC 26201 ACCCATTACT ACTGTCCTAC AATTTTAATT TGAGGCATGA AATAGCTGTTC 26251 TCTCTTCTAT CCTTTGTACC ATTCTTGATC TATAAACTCA ACAAAGTCCT 26301 TAACTGAGTA GAATATTTTT GTATGTGTGT ATAGATGTGT GTGTGTGT	S T S T A S S T T S S
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25801 GIGGCICACG CCIGTAATCA CAACACITIG GGAGGGCAAG GCGGGAGGAT 25851 TIGATTIGAGAC TAGAAGTICT AGACCAGICT AGACCACATA CTGATACCCC 25901 GICTICTACAA AAAATAATAA AAAAGAATIGC AATATTIGTCT AAATTICTIC 25951 AATTTATTTT TICCTACCTAA TIGICGITAT ATATCCITTA ACCAACGICT 26001 GCCCATITICC CICICCICIC TAACCAGICC AGCCICTGAG ACCATTGTAC 26051 TITICTATTIC TATGAGATCA GCCTTTTAAG ATTICTACATG TCAGTGAGGI 26101 CGTGTAAGTA TITIGICTTIC TIGTACCTGAG ATTICTACCA ATTIGICACCA 26151 TITIATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC 26201 ACCCATTACT ACTIGICCTAC AATTITAATT TGAGGCATGA AATGCTGTTC 26301 TAACTGAGTA GAATATTTTT GTATGTGTTC TATAAACTCA ACAAAGTCCT 26301 TAACTGAGTA GAATATTTTT GTATGTGTTT ATAGATGTGT GTGTGTGT	37_37_7_35_7_35_45TT5C4T444
25801 GIGGCICACG CCIGTAATCA CAACACITIG GGAGGGCAAG GCGGGAGGAT 25851 TIGATTIGAGAC TAGAAGTICT AGACCAGICT AGACAACATA CTGATACCCC 25901 GICTICTACAA AAAATAATAA AAAAGAATGC AATATTIGTCT AAATTICTTC 25951 AATTTATTTT TCCTACCTAA TIGTCGTTAT ATATCCITTA ACCAACGTCC 26001 GCCCATTTTC CICTCCTCTC TAACCAGTCC AGCCTCTAGA ACCATGTCT 26001 GCGCATTTCT TATGAGATCA GCCTTTTAAG ATTCTACAG ACCATGTCT 26101 GGTGTAAGTA TTTGTCTTTC TGTACCTGC TTGTTTTACC ATTCTACAG ACCATGTCT 26101 GGTGTAAGTA TTTGTCTTTC TGTACCTGC TTGTTTTACC ATTCTTACC ATTGTCACC 26151 TTTATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC 26201 ACCCATTACT ACTGTCCTAC AATTTTAATT TGAGGCATGA CTTTGTCATC 26301 TAACTGAGTA GAATATTTTT GTATGTGTGT TATAAACTCA ACAAAGTCCT 26301 TAACTGAGTA GAATATTTTT GTATGTGTGT ATAGATGTGT GTGTGTGT	さいこうていこうしょう かんしょうしん アイス・アイス・アイス・アイス・アイス・アイス・アイス・アイス・アイス・アイス・
25801 GIGGCICACG CCIGTAATCA CAACACTITIG GGAGGGCAAG GCGGGAGGAT 25851 TGATTGAGAC TAGAAGTICT AGACCAGTCT AGACAACATA CTGATACCCC 25901 GICTCTACAA AAAATAATAA AAAAGAATGC AATATTGICT AAATTTCTTC 25951 AATTTATTTT TCCTACCTAA TIGTCGTTAT ATATCCTTTA ACCAACGTCC 26001 GCCCATTTTCC CICTCCTCTC TAACCAGTCC AGCCTCTGAG ACCATTGTAC 26001 CGTGTAAGTA TITGTCTTTC TATGAGATCA GCCTTTAAG ATTCTACATG TCAGTGAGGG 26101 CGTGTAAGTA TTTGTCTTTC TGTACCTGC TTGTTACCA ACCATTGACC 26101 ACCCATTACT ACTGTCCTAC AATTTTAATT TGAGGCATGA CTTTGTCACC 26201 ACCCATTACT ACTGTCCTAC AATTTTAATT TGAGGCATGA CTTTGTCATC 26201 TCTCTTCTAT CCTTTGTACC ATTCTTGATC TATAAACTCA ACAAAGTCCT 26301 TAACTGAGTA GAATATTTTT GTATGTGTGT ATAGATGTGT GTGTGTGT	37_37_37_35_43TT3_4T444T4
25801 GIGGCICACG CCIGTAATCA CAACACITIG GGAGGGCAAG GCGGGAGGAT 25851 TIGATTIGAGAC TAGAAGTICT AGACCAGICT AGACAACATA CTGATACCCC 25901 GICTICTACAA AAAATAATAA AAAAGAATGC AATATTIGTCT AAATTICTTC 25951 AATTTATTTT TCCTACCTAA TIGTCGTTAT ATATCCITTA ACCAACGTCC 26001 GCCCATTTTC CICTCCTCTC TAACCAGTCC AGCCTCTAGA ACCATGTCT 26001 GCGCATTTCT TATGAGATCA GCCTTTTAAG ATTCTACAG ACCATGTCT 26101 GGTGTAAGTA TTTGTCTTTC TGTACCTGC TTGTTTTACC ATTCTACAG ACCATGTCT 26101 GGTGTAAGTA TTTGTCTTTC TGTACCTGC TTGTTTTACC ATTCTTACC ATTGTCACC 26151 TTTATAAAGT GTACAATTTA GTGGCATTAA GTACATACAG AATGCTGTTC 26201 ACCCATTACT ACTGTCCTAC AATTTTAATT TGAGGCATGA CTTTGTCATC 26301 TAACTGAGTA GAATATTTTT GTATGTGTGT TATAAACTCA ACAAAGTCCT 26301 TAACTGAGTA GAATATTTTT GTATGTGTGT ATAGATGTGT GTGTGTGT	37_37_37_35_43TT3_4T444T4

27201	GTGAGTTAAT	CAAATTTGAG	AGTITAATCT	TCCAATAATT	TATGTTCAGA
27251	CATACTTCAA	GTATATCAGC	AGGTAACAGG	AACTTTAGTT	GCAGAATGCC
27301	CCAAAACACA	AGAACTCCAG	TGGATTTICT	GGCTTCCAGG	AAIGITIIGG
27351	AGGAAGAAAA	ACCAATAAAA	TGATTIGGGG	GICATTIGI	ACATAAAAA
27401	TATATTAAAT	ATACIAGAAI	IIAAAAIAII	TTACCAATT	CTACTTACTT
2/451	ATGCAGTTTA	CCIAIIAACA	AAI IAAA IAA	CATTRICTICATE	TTACCTACAA
5/20T	CTGTAATACT	TATTICCCATT	TTTTTCAACT	CCTTATCCT	TAAATICAAG
5/22T	TAAAGGGGCA	AACTACACAT	ATAACAATTA	CTACTACAAT	ATTTAATACA
276E1	CCCCTGTAAG	ACTIATICACA	CHERCHE	TIGTIGAAAAGT	AAGGGCTTCA
27701	TGTGTGCTTG	TGAAAAAGGC	CACTIGGAGGC	CCTTTTCAAA	AATTAAATCT
27751	GCCTCCAGCA	AGGIGITITI	CGATCACATG	GAAAGGGGAA	GAAGAAGCTA
27801	TCAGGAGCTC	TGGGTTTT	THIGHIGH	गाजगजा	TIGCCACTIT
27851	TAACTCTCAA	GCTAAAACTG	GGGTTTCATT	TGAGGAACCA	GTAATAGAAA
27901	ATTICTIATG	TACATTCAGC	AAAATCTAGT	ACTGAGTGGT	TACTTTGGCT
27951	TITCATTGTG	CCCATTGIGT	GIGIGIGAGT	ACATGCACGC	ACTIGIGIG
28001	TTAAGOGTGT	AAGGCAGACA	GACAGTGGGT	ACAGGTCTTT	GAAATGGACT
28051	TCTTGGCAAA	AGTAATAGAG	AAAAAGAGGA	ATACAAATAA	GGGAGGAGGG
28101	ACAGGGAAGA	GCAGAGTCAC	AGGAAACAGT	GAATGAGGCT	GCAGTCTCAG
28151	TOSCCCTTTC	THIGICACIC	CAGIGIIGII	GCCIGICITA	IGAIGAIGCI
7850T	GGTTTTCAGC	CAACCIIGAG	ACCTTCCATT	TOTAL	COCTOCACCA
20201	GCAACAGCAC	ACATTETOCAGE	CAACACTICC	TOTALICATE	TITATION
2030T	AGTCATCAAA	TITACITATI	CAGACGTCTG	CTGTTCCAG	CTACATACAG
28401	ATCAAACAAG	CAGGGAATIT	TITICITICI	CITCICIOC	TCTTTTTTT
28451	GTATTTCCAT	CHIGHTIG	ATACCTTTTC	TTTGTTTAAG	TCAAGCATTT
28501	GAACATCACT	AGTTACCATT	TCCTTTAGCA	AGCATAGGAC	TTCTGTCTTA
28551	CTTAAATGTC	TTCTAATGCT	GIGATGTGTC	ACAGTTAGTT	GAGACGTTAA
28601	AGATGTTCCA	TACATGTGAC	TACATTGGTA	AATCTCAAAA	ACATCATATC
28651	GAATGAAAAG	ACAAAGTTGT	GAAATGTCTG	ATGTGATGCC	ATTTCCTTAA
28701	AAAGTCATGT	AAAGCAATCC	TACCACATCT	CATAGAATCT	AAAAGGCTAT
28751	ACTGATGCTA	AGATGCACTA	TIATTICIG	IACACIGAGA	AAGGGGGAAA
28801	ATTGCCACTT	AAATIGIGAT	GIAATGICIC	ATTATECATT	TTAAATTCAA
7882T	TCTACATTTT GGTAAATTTA	AGAAAIGGIA	TTCAAACGAA	ATANGGTAAA	TOTATTITAT
20201	TGAAGCATAG	TTATCTAATA	ΑΛΛΑΤΛΙΚΑΛΑ	AGCATGCATA	GGAATGCTAT
20001	TTAGCCAATA	CAGGATGTGG	TAATCTCTAT	AAAGGGAGGG	AGGGAAATGG
29051	AGGGGGGAGG	CCAGAGGAGG	GGCCTCATCT	CTGTAGTTTA	TTTTTAAAA
29101	TTATAAAGCA	AATATTACCA	GAGTTAAGAT	TTTACAAAAT	TCATTGGTAA
29151	GCACCTATAA	TTTTCTGAGT	GCTTTCAGTA	TTTCATAATG	AAAAGTATGT
29201	ATTTTAAAGG	TACGITATCT	ATTTATTTT	ATTTATTTT	TTTGAGACAG
29251	TGTCTCATTC	CATCGCCCAG	GCTGGAGTGC	AGIGGIGIGA	TCTTGGCTCA
29301	CTGCAACCTC	CTTAAAGCTA	CATTATTIAA	AAGTCACATA	CANGCAGI
29351	TGCAGAAGCC	TGIAIGIAGI	GGALICIALI	CATCTTACCA	TACCTICTICCE
29401 20451	TITITIGGIG	CAACTGAGGA	CAGATTECTT	TOTACATOTIC	CATTITIGIG
29501	TCTGAATTAA	AAGATGGACA	AGTATCATGT	ATTATCTTAG	TAGTCATCAA
29551	ΔCΔΔGGΔΔΔΔ	AGGITTCITT	GITIGCTIG	TTTTTTAGA	TGAAGTCTCC
29601	GCCCAGGCTG	GAGCGCAGTG	GCACGGTCTT	GGCTCACTGC	AACCTICTIGCC
29651	TOCTGTGTTC	AAGCAGTTCT	CTGCCTCAGC	CTCCTGAGTA	GCTGGGATTA
29701	TAGGCGCCTG	CCATCACGCC	GCTAATTTT	TGTATTTIGA	GTAGAGACAA
29751	GGTTTTGCCA	AGTTGGCCAG	GCTGGTCTTG	AACTCCTGAC	CTCAGGTGAT
29801	CCACCTGCCT	TGGCCTCCCA	AATIGITGGG	ATTACAGGCG	TGAGCCACTG
29851	. TGCCCGGCCT	GGAAAAAGII	TITAATGGIA	TAACCACTCA	GAAATGAATA GAAATGTTTC
29901	GGATTATATA	TOTTICANG	CACCTITCT	GETTECTCC	TIATICITIC
30001 53337	TTTCTCAGG	ATGTGGTATC	TAGAAAGGT	CAGGAGTACC	TTGATAAAAA
30051	TTATTGTACA	AGTIGAGCAA	AACTCAGTAG	TATCATGCCT	AGAGATICTIGA
30101	TAAAGAGGCA	CTTTTAAAAT	* AGAGCCTTGA	AGCTAACAAA	CIIIIIIIII
30151	TTAACCCCTT	TACTGAAACC	: TAAAAAGAGG	TCTGCAGTTT	TICCCICCIC
30201	TCACCAGATO	AAAGGGCTGT	AGTAGTGTTT	GCTTATTCCT	CAGGCAGTGA
30251	. GGAATCAAAG	GACTGAAGGG	எளாளா	TATCATACTA	CTTGTAGGGA
30301	. CCCCTTACCT	CCTATACCCA	TGAAAAAGGA	ATATTICITA	TATCCCATAA
30351	TATICITITA	GTATCACACT	IAGGTTTA	CCAAATAT	GTTAGAGTAA
3040]	AATAATTIGG	ATTTCACTOR	\	GCCTAATIAI	GTCACATCAC TCATAAGAAA
3042) 10201	LIGATICAGA		GAGGTICACT	ATACCATTAC	TATAAAAAAG
30501 30551	TAAAAATTT	TITIGITAT	111111111111111111111111111111111111111	TTTTGAGA	TGIAGICICI
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30601	CTCTGTTGCC	CAGGCTGGAG	TGCAGTGGCG	CAATCTCGGC	TCACTGAAAC
30651	CTCCGCCACC	TGGGTTCAAG	CAATTCTCAT	CCCTCACCCT	CCGCAGTAGC
30031	TOCOTO	CCCATCCACC	ACCATICCET	CCTAATTTTT	CTATTATTAC
	TGGGATTACA				
30751	TAGAGACGGG	GTTTCACCAT	GTTGGCCAGG	CIGGICICGA	ACTOCTGACC
30801	TCAGGTGATC	CACCCACCTC	AGCCTCCCAA	AGTGCTGGGA	TTACAGGCAT
20051	GAGACACTGC	ACCTCCCAA	AAAAAGTAAA	AATTTCAACT	CAACTTAAAT
2002T	GAGACACIGC	ACCIGGOA	**********	ATT 104401	CACTIVAC
30901	GCCCCCAAAT	ACAGGAATGG	TTAMATIGCTG	AIGACCIACI	HAIGIACTA
30951	TGATGCAAAT	GCAAATGATA	ATGGTTACTG	TGCAGCAACA	TGGAAGAACT
21001	TGGTGAAAGC	ACCATCTACC	ACATCACTCT	AACTICCAAAA	TETECTICCA
21001	IGGIGWWGC	AGGATGTACC	ACATGACTG	AMCI COVAM	IGIGCIIGCA
31051	TGTGAGGAGA	GATCAAGGGA	ATATAGAAAA	AIGAAGACAI	AGI IGIGITA
31101	GGGTGGTAGA	ATTTTGAGTG	GATTTCTCCC	CCCACTATTG	GTAAAAATTT
31151	TTGTACTTAA	THETE	CCACCCACAT	CTTTTAAAGG	ΤΔΔΔΤΤΤΙΓΑΔ
31131	TIGIACTIAA	1103110100	4545454	ATTOCCOCATA	CTACAAACC
31701	TITCICITIA	AGAAAA IGGC	ACACAGAAGG	AIGGGGGAIA	CIAGAMACI
31251	AAAAGTAGTG	CCCCCTTTGA	AGATAAAACT	AAAACATTTT	AAGCCTTGGAA
31301	TTGCTTTAGC	ACTACATICTA	TTGATTATTT	ΔΑΤΤΤΙΊΩΤΟ	TTTAGAAGAA
31351	AGTTGGCCCA	ACACAATTAC	ATTOCARCTEC	CTTATTCAA	CACCATTEAT
2T22T	AGI IGGUCA	ACACAATTAC	AIGGWGIIG	GGITATIGM	GAGGALIGAL
31401	AAAAGAAGTG	GGAAGGTCAG	GCCAGGTGTG	GIGGGICATG	CCIGIAAICC
31451	CAGCGCTTTG	GGAGGCCGAG	GTGGGTGGAT	AACGAGGTCA	GGAGATCGAG
	ACCATCCTGG				
31301	ACCATOCIOG	10000011	G-44-000001	TACTICACION	TACTOCCAC
	AAATTAGCCC				
31601	GCTGAGGCAG	GAGAATGGCG	TGAACCCGGG	AGGCGGAGGT	TGCAGTGAGC
31651	CCAGATCAAG	CCACTGCACT	CCATCCTGGG	CCACACACCC	AGACTICOGTIC
	TCAAAAAAA				
	CACGTTTATT				
31801	TACTTTAGTC	AATATTTGGT	TATTTGCTTT	GAAGCTATTT	GTTTGCAATA
31851	ATGCAATTAA	CATTOTTCAAC	AGAGCCAAAG	TITICACCOTTC	AAATTGGCAGC
21001	4700741174	ATTATAT	TECANTACAA	ATTCAACCCT	TTCACCCCAT
2130T	ATCTTAACTA	ALLIAICAL	TIGAATAGAA	ATTGAACCCT	TIGAGGGCAT
31951	GAAGTACTAT	TICTITICIC	TATACTICIT	GTTTTGGTT	TTTGCTTCAC
32001	CACCGATTTA	TGACTACCAA	AACCCCACAG	ATCCTGTAAT	TAACTCACAG
22051	CTGCCATCTT	COCACCETAG	ATACAATTCA	CONCETTO	ATICAATICCC
32031	CIGUAICII	GUALUSIAG	AIAGWIICA	ATTEN CACC	AIGMIGGG
	AGAGAATAGA				
32151	TGCTGAACAA	TTAATCCAGC	CCCTTCACTT	TACAGGTAAG	TAAACAAGTC
32201	CCAGGGACCC	ACCACTICAAC	CHERENCITA	GCACTTC AAA	TCTAGTCAC
32201	TITCIGITAT	ACTIVAACCA	CACAACTICA	CCCACACCCA	ACCCAAAATA
25527	THUGHAI	ACTICAGGA	GAGAACIGGA	0004040004	AGCCAMMIA
32301	CTGACATTTT	AGAGGCTGCT	TTTTAAGAAA	GGATAGGACA	TIGGACTIGG
27251	TYTTATY				
	IGICALIAIC	ATGITAAGIT	ATAGAATTTT	TAMMACACT	ACCACTCCAA
32331	AACAAAAATA	ATGITAAGIT	ATAGAATTTT	TAMANACACT	ACCACTCCAA
32401	AACAAAAATA	GGTAAAAGAT	ACGAACAGGC	AGTTCACCAA	ACCACTOCAA AGAAGAAATA
32401 32451	AACAAAAATA CAGTAGGCAT	GGTAAAAGAT GAAAGAATGC	ACGAACAGGC ACAACATAAT	AGTTCACCAA TTAAGAAATG	ACCACTCCAA AGAAGAAATA TAAATAACAA
32401 32451 32501	AACAAAAATA CAGTAGGCAT ATATCTATTG	GGTAAAAGAT GAAAGAATGC CTATCTCAAG	ACGAACATAAT AGAAAACATT	AGTTCACCAA TTAAGAAATG TACTATGAGC	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC
32401 32451 32501	AACAAAAATA CAGTAGGCAT ATATCTATTG	GGTAAAAGAT GAAAGAATGC CTATCTCAAG	ACGAACATAAT AGAAAACATT	AGTTCACCAA TTAAGAAATG TACTATGAGC	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC
32401 32451 32501 32551	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG	GGTAAAAGAT GAAAGAATGC CTATCTCAAG CCTCATAGGG	ACGAACATAAT ACAACATAAT CTICTIGTIG	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC	ACCACTCCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG
32401 32451 32501 32551 32601	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT	GGTAAAGAT GAAAGAATGC CTATCTCAAG CCTCATAGGG TATAACATAA	ACGAACATAAT ACAACATAAT CTTCTTGTTG AAAAATGAAT	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITTATTATTC CTAATTITAG AAAGACGAAG
32401 32451 32501 32551 32601 32651	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC	GGTAAAGAT GAAAGAATGC CTATCTCAAG CCTCATAGGG TATAACATAA TCAATAAATT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTTTAG AAAGACGAAG TTAAACCTCT
32401 32451 32501 32551 32601 32651 32701	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TTTTATTCAT	GGTAAAAGAT GAAAGAATIGC CTATICTICAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTIC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT
32401 32451 32501 32551 32601 32651 32701	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TTTTATTCAT	GGTAAAAGAT GAAAGAATIGC CTATICTICAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTIC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT
32401 32451 32501 32551 32601 32651 32701 32751	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TTTTATTCAT GGCTGGGTGT	GGTAAAAGAT GAAAGAATIGC CTATICTICAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC	AGTTCACCAA TTAAGAAATIG TACTATGAGC ACAATICTACC GCAAATIGATA TATAGTAGTT ACCTIGTAAAG CCAGAACTTT	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTIC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA
32401 32451 32501 32551 32601 32651 32701 32751 32801	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TTTTATTCAT GGCTGGGTGT GGCGGGGGGGA	GGTAAAAGAT GAAAGAATIGC CTATICTICAAG CCTCATAGGG TATAACATAA TICAATAAATT TICCCTCCAGT GGTIGGCTICAC TICACGAGGTIG	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GCCTGTAATC AAGAGATCAA	AGTITCACCAA TTAAGAAATIG TACTATGAGC ACAATICTACC GCAAATIGATA TATAGTAGTT ACCTIGTAAAG CCAGAACTTT GACCATCCTIG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG
32401 32451 32501 32551 32601 32651 32701 32751 32801 32851	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TTTTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG	GGTAAAAGAT GAAAGAATIGC CTATICTICAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT
32401 32451 32501 32551 32601 32651 32701 32751 32801 32851	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TTTTATTCAT GGCTGGGTGT GGCGGGGGGGA	GGTAAAAGAT GAAAGAATIGC CTATICTICAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT
32401 32451 32501 32551 32601 32651 32701 32751 32801 32851 32901	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGCGGA TGAAACCCTG GCATGCCTGT	GGTAAAAGAT GAAAGAATIGC CTATICTCAAG CCTCATIAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTIGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA ACTTGGGAGG	AGTITCACCAA TTAAGAAATIG TACTATGAGC ACAATICTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTIG AATTAGCTIGG CTIGAGGCAGG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT
32401 32451 32501 32551 32601 32651 32701 32751 32801 32851 32901 32951	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA	GGTAAAAGAT GAAAGAATIGC CTATICTICAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA ACTTGGGAGG GCAGTGAGCC	AGTITCACCAA TTAAGAAATIG TACTATGAGC ACAATICTACC GCAAATIGATA TATAGTAGTT ACCTIGTAAAG CCAGAACTITI GACCATCCTIG AATTAGCTIGG CTGAGGCAGG AAGATCGCAC	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTTTAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC
32401 32451 32501 32551 32601 32651 32701 32751 32851 32801 32951 32901 33001	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA	GGTAAAAGAT GAAAGAATIGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCIGTAATC AAGAGATCAA AAAATCCAAA AAAATCCAAA AACTTGGGAGG GCAGTGAGCC OCTOOGTCTC	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATICTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG AATTAGCTGG AAGATCGCAC AAGATCGCAC AAAAAAAAA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32601 32651 32701 32751 32801 32851 32901 32951 33001 33051	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITITATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGG GAAACTGGGA CAGCCTGGCA AGGTGAATTA	GGTAAAAGAT GAAAGAATIGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GCCTGTAATC AAGAGATCAA AAAATCCAAA ACTTGGGAGG GCAGTGAGCC CCTCCGTCTC TATATGGCAT	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG AATTAGCTGG AATTAGCTGG AAGACCAGCACCAGAACTTT GACCATCCAGAACTTT GACCATCCAGAACTTT GACCATCCAGAACTTT GACCATCCAGAACTTT GACCATCCACAAAAAAAAAA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32601 32651 32701 32751 32801 32851 32901 33001 33051 33101	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITITATTCAT GGCTGGGTGT GGCGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA AGGTGAATTA AAGCTGGGAA AAGCTGTGAA	GGTAAAAGAT GAAAGAATIGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA ACATTGGGAGG GCAGTGGAGC CCTCGTCTC TATATGGCAT CAGTTGAGAA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATCGCAC AAAAAAAAA TGATGGACCA TAGGTATCGC TAGGTATCGCCA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCTC AAAAAAAAAA
32401 32451 32501 32551 32601 32651 32701 32751 32801 32851 32901 33001 33051 33101	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITITATTCAT GGCTGGGTGT GGCGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA AGGTGAATTA AAGCTGGGAA AAGCTGTGAA	GGTAAAAGAT GAAAGAATIGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA ACATTGGGAGG GCAGTGGAGC CCTCGTCTC TATATGGCAT CAGTTGAGAA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATCGCAC AAAAAAAAA TGATGGACCA TAGGTATCGC TAGGTATCGCCA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCTC AAAAAAAAAA
32401 32451 32501 32551 32601 32651 32701 32751 32801 32851 32901 33001 33051 33101 33151	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGGA CAGCTGGGA AAGGTGAAATTA AAGCTGTGAA TACTTGCCTT	GGTAAAAGAT GAAAGAATIGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GCCTGTAATC AAGAGATCAA AAAATCCAAA ACTTGGGAGG GCAGTGGGCC CCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA	AGTITCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATGGCAC AAAAAAAAA TGATGGACCA TAGGTATCGC GAAGCTGGTT	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32601 32651 32701 32751 32801 32951 33001 33051 33151 33201	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITITATTCAT GGCTGGGTGT GGCGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA	GGTAAAAGAT GAAAGAATIGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA ACATGGGAGG GCAGTGAGCC CCTCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCATG AATTAGCTGG AATTAGCTGG AAGTAGCTGG AAGATGGCAG AAGATGGCAC TAGGTATGCCA TAGGTATGCCA TAGGTATGCCAC GAAGCTGGTT ATTTTGCAGG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITTATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32601 32651 32701 32751 32801 32951 33001 33051 33151 33201 33251	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITITATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAAGCC	GGTAAAAGAT GAAAGAATIGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GCCTGTAATC AAAATCCAAA AAAATCCAAA AACTTGGGAGG GCAGTGGGGG CCCTCGGTCTC TATATTGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATGGCAG AAGATGGCAC TAGGTATCGC GAAGCTGGTT ATTTTGCAGG GTAGGAACAG GTAGGAACAG GTAGGAACAG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32601 32751 32751 32751 32801 32951 33001 33051 33151 33201 33251 33201 33251 33201	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AAGCTGAAATCC CTGCACAGTC	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATTAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCCATGCA ATTTTCATGCACACA ACTTGGAAGGT AAAGAACAAG ACTGGAAGGT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAAA ACTTGGGAGG GCAGTGAGCC CCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAA GTCATGCTGA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGATA TATAGTAGATT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATGGACCA AAAAAAAAA TGATGGACCA TAGGTATCGC GAGGTGGTT ATTTTGCAGG GTAGGAACAG AGAAGGCAGG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAACTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32601 32751 32751 32751 32801 32951 33001 33051 33151 33201 33251 33201 33251 33201	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AAGCTGAAATCC CTGCACAGTC	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATTAA TCCATCAAGT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCCATGCA ATTTTCATGCACACA ACTTGGAAGGT AAAGAACAAG ACTGGAAGGT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAAA ACTTGGGAGG GCAGTGAGCC CCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAA GTCATGCTGA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGATA TATAGTAGATT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATGGACCA AAAAAAAAA TGATGGACCA TAGGTATCGC GAGGTGGTT ATTTTGCAGG GTAGGAACAG AGAAGGCAGG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAACTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32601 32751 32751 32801 32851 32901 33051 33101 33101 33251 33201 33351 33351 33351	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAAGCC CTGCACAGTC TGAAATGAGG	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT CCAAGTTCCATCAT CCAAGGTCAAG TCCTGCACAC TCCTCCCACC TCCTCCCACC TCCTCCCACC TCCTCCCACC TCCTCCCACC TCCTCCCACC TCCTCCACC TCCTCCCACC TCCTCCACC TCCTCCCACC TCCTCCCACC TCCTCCACC TCCTCCCACC TCCTCCCCACC TCCTCCCCC TCCTCCCCCC TCCTCCCCC TCCTCC	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA ACTTGGGAGG GCAGTGAGCC CCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA AGTCAAA AGTCATGCTGA TTCAGTAACT	AGTITCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATGGCAC AAAAAAAAAA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32601 32701 32701 32851 32801 32951 33001 33151 33201 33251 33351 33351 33351 33401	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGCGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAAGCC CTGCACAGTC CTGCACAGTC TGAAATGAGG GCAAGCAATG	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG AACTGGAAGGT CCAAGTGCAT TGCCATACCT TGCCATACCT TGCCATACCT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA ACATTGGGAGG GCAGTGAGCC CCTCCGTCTC TATATTGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA ATTCAGAAG TCATGCTGA TCATGCTGACT TTGAAGGCCT TTGAAGGCCT TTGAAGGCCT TTGAAGGCCT TTGAAGGCCT TTGAAGGCCT	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATGGACCA TAGGTATCGC GAAGCTGGTT ATTTTGCAGG GTAGGAACAG GTAGGAACAG AGAAGGCAGG AGAAGGCAGG GAGTGGGTTA AAGCTAGCCC	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTOCTT CACTGCACOC AAAAAAAAAA CTATTGAAGG CACCTAATTT CATCCTCAGGA GACCAAAAGT GATCGGACTT TCTGTTGTTG AGGAGTTCTG
32401 32451 32501 32551 32601 32701 32701 32851 32801 32851 33001 33051 33101 33201 33351 33351 33351 33401 33451	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTICAT GGCTGGGTGT GGCGGGGCGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAGCC CTGCACAGCC TGCACAGTG GCAAGCGATG ATAAGAGCTT ATAAGAGCTT	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAGGTGCAT TGCCATACCT TGAACTTAAT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA ACATTGGGAGG GCAGTGAGCC OCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA GTCATGCTGACA TTGAAGGGCT ATGACTGACA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATGGCAC AAAAAAAAA TGATGGACCA TAGGTATCGC GAAGCTGGTT ATTTTGCAGG GTAGGAACGG AGAGGCACGG AGAGGCACGG AGAGGCACGG AGAGGCACGG AGAGGCACGG AGAGCCCC CAAAAATAGG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT AGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTOCTT CACTGCACCC AAAAAAAAAA CTATTGAAGG CACCTAATTT CATCCTCAGGA GACCAAAAGT GATCGGACTCT AGAGTTCTTAC ATCCTCAGGA GACCAAAAGT GATCGGACTCT AGAGTTCTG TCTCCTCAGGA TCTCCTCAGGA TCTCCTCAGGA TCTCCTCAGGA TCTCCTCAGGA TCTCCTCAGGA
32401 32451 32501 32551 32601 32701 32701 32851 32801 32851 33001 33051 33101 33201 33351 33351 33351 33401 33451	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTICAT GGCTGGGTGT GGCGGGGCGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAGCC CTGCACAGCC TGCACAGTG GCAAGCGATG ATAAGAGCTT ATAAGAGCTT	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAGGTGCAT TGCCATACCT TGAACTTAAT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA ACATTGGGAGG GCAGTGAGCC OCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA GTCATGCTGACA TTGAAGGGCT ATGACTGACA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATGGCAC AAAAAAAAA TGATGGACCA TAGGTATCGC GAAGCTGGTT ATTTTGCAGG GTAGGAACGG AGAGGCACGG AGAGGCACGG AGAGGCACGG AGAGGCACGG AGAGGCACGG AGAGCCCC CAAAAATAGG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT AGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTOCTT CACTGCACCC AAAAAAAAAA CTATTGAAGG CACCTAATTT CATCCTCAGGA GACCAAAAGT GATCGGACTCT AGAGTTCTTAC ATCCTCAGGA GACCAAAAGT GATCGGACTCT AGAGTTCTG TCTCCTCAGGA TCTCCTCAGGA TCTCCTCAGGA TCTCCTCAGGA TCTCCTCAGGA TCTCCTCAGGA
32401 32451 32501 32551 32601 32651 32701 32851 32851 32901 33051 33101 33151 33201 33251 33351 33401 33451 33401 33451	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTICAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGCA AGGTGAATTA AAGCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAAGCC CTGCACAGTC TGAAATGAGG GCAAGCAATG ATAAGAGCTT TCCTATTTGG	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCAGGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTTGCAT TGCCATACCT TGCACATTAAT AGGTAAACCG	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA ACTTGGGAGG GCAGTGAGCC CCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA ATTCAGAAG ATTCAGTAACT TTGAAGGGCT TTGAAGGGCT ATTGGTAACT TTGAAGGGCT ATGCTGACA GGTAAAAGTG	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATGGCAC AAAAAAAAAA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTOCTT CACTGCACCC AAAAAAAAA CTATTGAAGG CACCTAATTT CATCCTCAGGA GACCAAAAGT GATGGGACTT TCTGTTGTTG TCTCCTCAGA TTCCTCAGA
32401 32451 32501 32551 32601 32651 32701 32851 32851 32901 33051 33101 33151 33201 33351 33401 33451 33451 33551	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGCA AGGTGAATTA AAGCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAAGCC CTGCACAGTC TGAAATGAGG GCAAGCAATG ATAAGAGCTT TCCTATTTGG AAGTTCATTA	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCTCAGGTTT GGACTCAAAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTAACT TGAACTTAACT AGGTAAACCG CATATTTTAG	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA ACATGGGAGG GCAGTGAGCC OCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA GTCATGCTGACA TTCAGTAACT TTGAAGGGCT TTGAAGGGCCA AGTAAAAGTGACA AGTAAAAGTGACA AGTAAAAGTGACA AGTAAAAGTGACA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATCGCAC AAAAAAAAA TGATGGACCA TAGGTATCGC GAAGCTGGTT ATTTTGCAGG GTAGGAACAG AGAGGCAGG GAGTGGGTTA AAGCTAGCCC CAAAAATAGGA ATAAATAGTA GTCAGACCAT	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTOCTT CACTGCACCC AAAAAAAAA CTATTGAAGG CACCTAATTT CATCCTCTAC ATCCTCAGGA GACCAAAAGT GATGGGACTT TCTGTTIGTTG AGGAGTTCTG ATGCTTTTTA ATAGAGATTCC
32401 32451 32501 32551 32601 32651 32701 32851 32851 32801 3301 33151 33201 33251 33351 33401 33451 33551 33501 33551 33501	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAGCC CTGCACAGTC TGAAATGAGG GCAAGCATG ATAAGAGCTT TCCTATTTGG AAGTTCATTA TTCCTTTTAA	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCAGGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTAAT AGGTAAACCG CATATTTTAG TCCTCTGTAG TCCTCTGTAG TCCTCTGTAG TCCTCTGTAG TCCTCTGTAG	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA ACATTGGGAGG GCAGTGAGCC CCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA ACAGTCAAA GTCATGCTGACA TTCAGTAACT TTGAAGGGCT ATGCTGACA GTTAAAGTCACA GTTAAAGTCACA GTTAAAGTCACA GTTAAAGTCACA GTTAAAAGTTCACA GTTAAAAGTTCACA GGTAAAAGTTCACA CAAGAATTTGG ACGTGACA CAAGAATTTGG ACAGAATTTGG ACAGAATTTGG ACAACATTCACACACAACATTCACACACACATTCA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATCGCAC AAAAAAAAAA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTOCTT CACTGCACCC AAAAAAAAA CTATTGAAGG CACCTAATTT CATCCTCTAC ATCCTCAGGA GACCAAAAGT GATGGGACTT TCTGTTIGTTG AGGAGTTCTG ATGAGTTCTG TCTCCTCAGA TTGCTTTTTA ATAGAGATTCC CTCTGTAAAG
32401 32451 32501 32551 32601 32651 32701 32851 32801 32901 33051 33001 33151 33201 33351 33401 33451 33401 33451 33501 33551 33601 33551 33601 33651	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAAGCC CTGCACAGTC TGAAATGAGG GCAAGCATG ATAAGAGGCTT TCCTATTTGG AAGTTCATTA AGCCATTTAA AGCCATTTAA AGCCATTTAA	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTAAT TAGGTAAACCG CATATTTTAG TCATCTTGTAG TCATCTTTAG TCATCTTTAG TCATCTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTTTTTT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA AAAATCCAAA AAAATCCAAA ACATGGGAGG GCAGTGAGCC CCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA GTCATGCTGACA TTTGAGTGACT TTGAGGGCT ATTGAGTGACT ATTGAGGGCT ATTGAGTGACT ATTGAGTGACA GTCATAACT TTGAAGGGCT ATTGAGTGACA AGGTGAGTCA AGGTGAGTCA AGGTGAGTCA CAGGAATTGG AGGTGAGTCA CAGGAATTGG AGGTGAGCCT	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATCGCAC AAAAAAAAAA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCGA GCCAACATGG GCGTGCTGGT AGAATTOCTT CACTGCACCC AAAAAAAAA CTATTGAAGG CACCTAATTT CATCTCTTAC ATCCTCAGGA GACCAAAAGT GATGGGACTT TCTGTTGTTG AGAGGTTCTG TCTCCTCAGA TTGCTTTTTA ATGAGGTTCTC CTCTTGTAAG TTTTGTAAGG TCTCCTCAGA TTGCTTTTTTA ATGAGGATTCC CTCTGTAAAG TTTTTGCAGCT
32401 32451 32501 32551 32601 32651 32701 32851 32801 32901 33051 33001 33151 33201 33351 33401 33451 33401 33451 33501 33551 33601 33551 33601 33651	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAAGCC CTGCACAGTC TGAAATGAGG GCAAGCATG ATAAGAGGCTT TCCTATTTGG AAGTTCATTA AGCCATTTAA AGCCATTTAA AGCCATTTAA	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTAAT TAGGTAAACCG CATATTTTAG TCATCTTGTAG TCATCTTTAG TCATCTTTAG TCATCTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTAG TCATCTTTTTTTTTT	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA AAAATCCAAA AAAATCCAAA AAAATCCAAA ACATGGGAGG GCAGTGAGCC CCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA GTCATGCTGACA TTTGAGTGACT TTGAGGGCT ATTGAGTGACT ATTGAGGGCT ATTGAGTGACT ATTGAGTGACA GTCATAACT TTGAAGGGCT ATTGAGTGACA AGGTGAGTCA AGGTGAGTCA AGGTGAGTCA CAGGAATTGG AGGTGAGTCA CAGGAATTGG AGGTGAGCCT	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AAGATCGCAC AAAAAAAAAA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCGA GCCAACATGG GCGTGCTGGT AGAATTOCTT CACTGCACCC AAAAAAAAA CTATTGAAGG CACCTAATTT CATCTCTTAC ATCCTCAGGA GACCAAAAGT GATGGGACTT TCTGTTGTTG AGAGGTTCTG TCTCCTCAGA TTGCTTTTTA ATGAGGTTCTC CTCTTGTAAG TTTTGTAAGG TCTCCTCAGA TTGCTTTTTTA ATGAGGATTCC CTCTGTAAAG TTTTTGCAGCT
32401 32451 32501 32551 32601 32651 32701 32851 32801 32951 33001 33151 33201 33351 33401 33451 33501 33551 33501 33551 33501 33551 33501 33551 33501 33551 33501 33551 33501	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA AGGTGAATTA AAGCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGGAAATA AGACAAAGCC CTGCACAGTC TGAAATGAGG GCAAGCATT TCCTATTTTGA ATTATTTGA ATTCATTTTAA AGCCATTTAA AGCCATTTAA AGCCATTTAA AGCCATTTTAA AGCCATTTAA ACCCATTTTAA ACCCATTTTAA ACCCATTTTAA ACCCATTTTAA ACCCATTTTAA ACCCATTTTAA	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTTAAC TCCTTGTAAC TCCTTGTAAC TTGCATACCT TGAACTTTAAC TCCTTGTAAC TAACTACCT TGAACTTAAT AGGTAAACCAG TCCTTGTAAC TCATCTTTTAAC TCATCTTTTTAAC TCATCTTTTTAAC TCATCTTTTTAACACAACAAG	ACGAACAGGC ACAACATAAT AGAAAACATT CTTCTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GCCTGTAATC AAGAGATCAA AAAATCCAAA AAAATCCAAA AAAATCCAAA ACTTGGGAGG GCAGTGAGCC CCTCCGTCTC TATATGGCAT CAGTTGAGAA CACAACCAGA TATTCAGAAG AACAGTCAAA GTCATGCTGA TTCAGTAACT TTGAAGGGCT ATTGCTGACA GGTAAAAGTG AGGTGAAGTCA AGGTGAACATTGAGAGGTCAC GGTAAAAGTG AGGTGAGTCA CAGGAATTGG AGGTGAGTCA CAGGAATTGG AGGTGAGTCA CAGGAATTGG AGGTGAGCC TAAACAAATG	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATICTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG AATTAGCTGG AAGATCGCAC AAAAAAAAAA	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTTTAG AAAGACGAAG TTAAACCTCT ATGAATTATT GGGAGGCGGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAA CTATTGAAGG CACCTAATTT CATCTCTTAC ATCCTCAGGA GACCAAAAGT GATGGGACTT TCTGTTGTTG TCTCCTCAGA TTGCTTTTTA ATAGAGATTCC CTCTGTAAAG TTTTTGAAGG TTTTGCAGCT TATTTTAGTA
32401 32451 32501 32551 32601 32751 32751 32751 32801 32951 33001 33051 33101 33251 33251 33351 33401 33451 33501 33551 33501 33551 33601 33651 33601 33751	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT TAGCTGGGTGT GGCGGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA AGGTGAATTA AAGCTGGGA TAGAAAGCC CTGCACAGTC TGAAATGAGG GCAGGCATG ATAAGAGCTT TCCTATTTGG AAGTTCATTA TTCATTTTAA AGCCATTCTC AAACTTTGTT	GGTAAAAGAT GAAAGAATGC CTATICTICAAG CCTCATAGGG TATAACATTAA TCCATCAGT GGTGGCTCAC TCACGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCAT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTAAT AGGTAAACCG CATATTTTAG TCCTCTGTAG TCCTCTTAGACTTAAT AGGTAAACCG CATATTTTAG TCCTCTTAGTAG TCCTCTTAGTAGT TCCTCTTAGTAGT TAGACTTAAT AGGTAAACCG CATATTTTAG TCCTCTTAGTAGT TAAATATTTT ATACCAACAAG AGACGCTAAC	ACGAACAGGC ACAACATAAT AGAAAACATT CTICTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GCCTGTAATC AAGAGATCAA ACATTGGAAGC CCTCCGTCTC TATATGGCAT CAGTGAGCA CACAACCAGA TATTCAGAAG AACAGTCAAA GTCATGCTGACA GTCATGCTGACA GTCATGCTGACA GGTAAAAGTG AGGTGAGTCA CAGGATTCAC AGGTGAGTCAC AGGTGAGAC CAGGATTCAC AGGTGAGAC CAGGATTCAC AGGTGAGAC CAGGATTCAC AGGTGAGAC CAGGATTCAC AGGTGAGAC CAAGAATTGGAAGTC ATTGGAATCT TAAACAAATG ATTGGAATCT	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG CTGAGGCAGG AAGATCGCAC AAAAAAAAA TGATGGACCA TAGGTATCGC GAGGTGGTTA ATTTTGCAGG GTAGGAACAG AGAAGGCAGG AGAAGGCAGG AGAAGGCAGG AGAAGTAGGCCC CAAAAATAGTA GTCAGACCAT CAAAAATATT GCATAGTCTG TACACAGTTT	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGAGAAG TTAAACCTCT ATGAACTATT GGGAGGCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32501 32701 32701 32801 32851 32901 33951 33001 33151 33201 33251 33351 33401 33451 33501 33551 33601 33551 33601 33751 33751 33751	AACAAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGG GGAACCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCTT TGAGGAAATA AAGCTGTGAA TACTTGCTT TGAGGAATTA AGACAAGCC TGAAATGAGG GCAGCAATG ATAAGAGCTT TCCTATTTGG AAGTTCATTA ATTCATTTTAA AGCCATTTTTAA AGCCATTTTTTAA AGCCATTTTTTTTTT	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATTAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCTCAGGTTT GAACTCAAAG TCTGCACAC TTTTCATGCAT AAGGAACAGG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTAAT AGGTAAACCG CATATTTTAG TCACTCTGTAG TCACTCTGTAG TCACTCTGTAG TCACTCTGTAG TCACTCTGTAG TCACTCTGTAG TCACTCTGTAG TAACACAAG TAACACAAG AGACGCTAAC TTTTGATTTT	ACGAACAGGC ACAACATAAT AGAAAACATT CTICTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA ACATTGGAAGG GCAGTGAGCC CCTCCGTCTC TATATTGGCAT CAGTGAGAA TATTCAGAAG ACAACCAGA TATTCAGAAG ACAGTCAAA AGTCAAAA GTCATGACTGACA GGTAAAAGTG AGGTGAGTCA CAGAATTTGG AGGTGAGTCA CAGAATTTGG AGGTGAGTCA CAGAATTTGG AGGTGAGTCA CAGAATTTGG AGGTGAGTCA CAGAATTTGG AGGTGAGTCA CAGAATTTGG AGGTGAGTCA TTAAACAAATTG TAAACAAATTG TTAGAACCAT TTTCCAACCAT	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AGATGGACCA CAGAACTTT ATTTTGCAGG GTAGGAACAG AGAGGGAACAG AGAGGGAACAG AGAGGCAGG GAGTGGGTTA AAGCTAGCCC CAAAAATAGTA GTCAGACCAT CAAAAATACTC AGTGTGACTC TTAAAAATGTT	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAACTATT GGGAGGCCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32501 32701 32701 32851 32901 32951 33001 33151 33201 33251 33351 33451 33451 33501 33551 33501 33551 33501 33551 33601 33551 33601 33751 33801 33851	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGAATGAGG CTGACAGTC TGAAATGAGG GCAGGCATT TCCTATTTGG AAGTTCATTA TTCATTTTAA AGCCATTTTAA AGCCATTTTTTAA AGCCATTTTTTTTTAA ACTCAGCTTTTTTTTTT	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATTAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCAGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTAAT AGGTAAACCG CATATTTTAG TCCTCTGTAG TAAATATTTT ATACAACAAG AGACGCTAAC TTTTAATTT ATACAACAAG AGACGCTAAC TTTTAATTT TACAACAAG AGACGCTAAC TTTTGATTTT GAGGTGTACA	ACGAACAGGC ACAACATAAT AGAAAACATT CTICTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA ACATTGGAGG GCAGTGAGCC CCTCCGTCTC TATATTGGCAT CAGTTGAGAA CACAACAGA TATTCAGAAG AACAGTCAAA GTCATGCTGA TTCAGTAACT TTGAAGGGCT ATGGTGACC GGTAAAAGTG AGGTGAGTCA GGTAAAAGTG AGGTGAGTCA CAAGAATTGG AGGTGAGTCA CAAGAATTGG AGGTGAGTCA ATTGGAATCT TAAACAAATG ATTGGAATCT TAAACAAATG ATTGGAATCT TAAACAATTG ATTGGAATCT TAAACACAT AAAATGAGCA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AGATCGCAC AAAAAAAAA TGATGGACCA TAGGTATCGC GAGGTGGTT ATTTTGCAGG GTAGGAACAG AGAAGGCAGG GAGTGGGTTA AAGCTAGCCC CAAAATAGTA GTCAGACCAT CAAAATATT GCATAGTCTC AGTGTGACTG TACACAGTTT TTAAAAATGT GTGGACCATG GTGGACCATG GTGGACCATG TACACAGTTT TTAAAAATGT GTGGACCATG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT GGGAGGCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32501 32701 32701 32851 32901 32951 33001 33151 33201 33251 33351 33451 33451 33501 33551 33501 33551 33501 33551 33601 33551 33601 33751 33801 33851	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGAATGAGG CTGACAGTC TGAAATGAGG GCAGGCATT TCCTATTTGG AAGTTCATTA TTCATTTTAA AGCCATTTTAA AGCCATTTTTTAA AGCCATTTTTTTTTAA ACTCAGCTTTTTTTTTT	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATTAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCAGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTAAT AGGTAAACCG CATATTTTAG TCCTCTGTAG TAAATATTTT ATACAACAAG AGACGCTAAC TTTTAATTT ATACAACAAG AGACGCTAAC TTTTAATTT TACAACAAG AGACGCTAAC TTTTGATTTT GAGGTGTACA	ACGAACAGGC ACAACATAAT AGAAAACATT CTICTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA ACATTGGAGG GCAGTGAGCC CCTCCGTCTC TATATTGGCAT CAGTTGAGAA CACAACAGA TATTCAGAAG AACAGTCAAA GTCATGCTGA TTCAGTAACT TTGAAGGGCT ATGGTGACC GGTAAAAGTG AGGTGAGTCA GGTAAAAGTG AGGTGAGTCA CAAGAATTGG AGGTGAGTCA CAAGAATTGG AGGTGAGTCA ATTGGAATCT TAAACAAATG ATTGGAATCT TAAACAAATG ATTGGAATCT TAAACAATTG ATTGGAATCT TAAACACAT AAAATGAGCA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AGATCGCAC AAAAAAAAA TGATGGACCA TAGGTATCGC GAGGTGGTT ATTTTGCAGG GTAGGAACAG AGAAGGCAGG GAGTGGGTTA AAGCTAGCCC CAAAATAGTA GTCAGACCAT CAAAATATT GCATAGTCTC AGTGTGACTG TACACAGTTT TTAAAAATGT GTGGACCATG GTGGACCATG GTGGACCATG TACACAGTTT TTAAAAATGT GTGGACCATG	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGACGAAG TITAAACCTCT ATGAATTATT GGGAGGCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA
32401 32451 32501 32551 32601 32701 32701 32801 32851 32901 33951 33001 33151 33201 33351 33401 33451 33501 33551 33601 33551 33601 33751 33801 33851 33801 33851 33801 33851	AACAAAATA CAGTAGGCAT ATATCTATTG AAACCATTGG GAAATGTAAT TATAACCCGC TITTATTCAT GGCTGGGTGT GGCGGGGGGGGA TGAAACCCTG GCATGCCTGT GAAACTGGGA CAGCCTGGCA AGGTGAATTA AAGCTGTGAA TACTTGCCTT TGAGAATGAGG CTGACAGTC TGAAATGAGG GCAGGCATT TCCTATTTGG AAGTTCATTA TTCATTTTAA AGCCATTTTAA AGCCATTTTTTAA AGCCATTTTTTTTTAA ACTCAGCTTTTTTTTTT	GGTAAAAGAT GAAAGAATGC CTATICTCAAG CCTCATAGGG TATAACATTAA TCAATAAATT TCCCTCCAGT GGTGGCTCAC TCAGAGGTG TCTCTACTAA AGTCCCAGCT GGTGGAGGTT ACAGAGTGAG TCTCAGGTTT GGACTCAAAG TCCTGCCACA TTTTCATGCT AAAGAACAAG ACTGGAAGGT CCAAGTGCAT TGCCATACCT TGAACTTAAT AGGTAAACCG CATATTTTAG TCCTCTGTAG TAAATATTTT ATACAACAAG AGAGGCTAAC TTTTGATTTT GAGGTGTACA GTGCTGATCT GAGGTGTACA GTGCTGATCT TGAGGTTACA GTGCTGATCT GAGGTGTACA GTGCTGATCT GAGGTGTACA GTGCTGATCT	ACGAACAGGC ACAACATAAT AGAAAACATT CTICTTGTTG AAAAATGAAT TTCTGAAAGT TCTGTCTAGC GOCTGTAATC AAGAGATCAA ACATTGGAGG GCAGTGAGCC CCTCCGTCTC TATATTGGCAT CAGTTGAGAA CACAACAGA TATTCAGAAG AACATCAAA GTCATGCTGA TTGAGGGCT ATTGGGAGCT ATTGGGAGCT ATTGGGAGCT ATTGGGAGCT ATTGGAACAATG AGGTGAGTCAA AGTTGAGAGC TTTGAACAATTG AGGTGAGTCA CAAGAATTGG AGGTGAGTCA ATTGGAACTC TAAACAAATTG ATTGGAATCT TAAACAAATTG ATTGGAACCAT AAAATGAGCA TTACTCTATA	AGTTCACCAA TTAAGAAATG TACTATGAGC ACAATCTACC GCAAATGATA TATAGTAGTT ACCTGTAAAG CCAGAACTTT GACCATCCTG AATTAGCTGG CTGAGGCAGG AGATCGTG CTGAGGCAGG AGATCGTG CTGAGGCACCA TAGGTATCGC GAGGTGGTT ATTTTGCAGG GTAGGACCAG GAGTGGGTTA AAGCTAGCCC CAAAATAGTA GTCAGACCAT CAAAATATT GCATAGTCTC AGTGTGACTG TACACAGTTT TTAAAAATGT GTGGACCAT GGGACCAT GGGACCATG GGGACCATG GGACCATG GCATCACTGC	ACCACTOCAA AGAAGAAATA TAAATAACAA TITATTATTC CTAATTITAG AAAGAGAAG TITAAACCTCT ATGAATTATT GGGAGGCGA GCCAACATGG GCGTGCTGGT AGAATTCCTT CACTGCACCC AAAAAAAAAA

34001 ATATTTIGAA GCTCAAACCC CTGGTGTGGC AATATTTIGGA GATGGGACCT
PACEL TOACACATION ACTIVACITY ADATIGACITY ALABORISTS GUILLIONIC
24101 ACATACCATT ACTISTICTTA CAAGAAGAAA CACCAGAIAC ACICATIGAG
PATEL ARRATICACA ACATTISTANC CITACTISSIT TAGARAGUAL MAINCIGGOA
24201 COURTICETTS TOTAL TATTATTTIS ANGICILIE TIONS INTO
24251 TTATETATICE AGACCEAATT TISTATIGATAA (GIGAALIICI LIUVVACIAL
24201 TACCECAACE CITTAATTAT GAAGITGGCT TAAGCCALIA AGIAGIALIA
PAREL ATTOCOCACAT CONTENTAGA AATTAACTGG AAALGIAGAC IAGAANANA
24401 AAAAACTETG GTCATGACTA ATGICTGTAT CCALLIQUA AVVVVIII-1911
DAMES THE CONTACT COTTOCATTG CAGAACCACA CIGALALICA GOUVANAIG
24501 CTCACCTCAT TCTTCCAACA TCCTTAGTT GGALLICAIG AVACALLLL
PAREL TRECATTRET CETTITIETE TELLIAGIAA ILLITICITE GALICITEMA
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2/651 TTACAAATTT AACTTACCTT ATGGACTAGT TCAGGCIIAG AIAACICIGG
24701 AACTOTOTIC ACTITICAAAT ATACTITITI ATAGIIGAGI IICIACACAA
24751 TATAACATTT TATAACTTAA ATGGAAGTAA AGIGAAAIGC CAAAAIGCAA
24001 CITCATTICTE TTAATGIGTG CATCCCTCCA TICCAGAALL COMMANIAL
240E1 CACACATAAT CACTITIATT TIGIATTITAT ATTAILAGAL LIAIU-1041A
24001 TAAAATTGTT CTTTTAAACT GCTATTTCTA AACACICITI GITTCTTAG
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35001 ACTITICAGCA TIGGTOCAGA TIGACTITICAC TITATACCATIG AGCCAGCAGA
35051 TACTGTAGAT TATTTGGCTG TTTTTAAAGA GAACATCATA TCATAGTGTT
35101 GGTTATTAAT ATTTGAGCAA GATATTAGGG TIGTCTCGAT GTCCCAATCA
35151 TIGIGGAGIG CITAGIGIGT GITIGITITI TAAGAATIGA CITIGGAAACA
35201 TITATCTTAA GGTGTTAGGG TTATTTTTAT TCTTTAGTAC TAACGGTATA
35251 AACTGAATTC CACTGAAATA GAGCTTATTT TGATGTATAA TTTTTGAAGT
35301 TATTTTTAT AAGTCTGTGG GTAGATAGCA GCCAAGTAGG CACTTTATTT 35351 CCCTAATAGA AAAAAATATA TATTTTTGTC AAATATTTCT GTTTTATTCA
35351 CCCTAATAGA AAAAAATATA TATTTTGC AAATATTTTGGAATAT TTTGGAATAT
35401 TICATICADA GIATATTICA MAGTITATT TOAGTGAGC CATAGGTCAA
35501 ATAATGACCA GCAAAATGTA ATGACACGTG TGCCTCTTAC TCCCTGTTGG
35551 AGGAATTGAG GCACTCTGGT AACCCTGTAG GCCTGGATTA GTCCAGTTCA
35551 AGGATIGAG GOLLICIGGI ATTITATIGT GGCCGGCAAC GGTGGCTCAC
35651 ACCOGTAATC COGGCACTIT GGGGGGCTGA GTTGGGGCCTG TTGCTTGAGC
35701 CCAGGAGTTC AAGACCAGCC TGGGCAACAT AGGAAACCCT GTCTCTACAA
35751 AATATATAAA AATTAGCTGG GCGTGGTGGC GTGTGCCTGT AGTACCAGCT
DEDOT ACTUCCACC CTGAGGCAGG AGGATCACCT GAGGCCAGAA AGTIGAGGCI
PEGET CHICATTATIC CACTICACTO CAGCITIGGI GALAGIGA
25001 CACCOTGTCT TABACABACA ABAGAGALIG IALIGIGILI IGAAAAACA
25051 ACTITITAGA GAAATTCTGT GITATICTIC TATITUATI ACAGCITOSI
SECON TEXASCASSE TATIGGASSEE TACAGACTAA CCICCIIIIC CIIIGGIIII
SENSI TITTOCATICT TATAGCAGAG AACCAGCCAG GGCCAGALIC CIGGGCLIGI
26101 CITCTICTO GITTGCACAGG GCTCTGCTCA GAAGGGTCCC ATACTTGGCT
26161 TAATICTICIS CTISTCAGCAT CTIGAAAATT TIJAAJAAH HAJAHHOA
SERVIT TO THE TANCETTATAN CONTACTING CONGINERACY CIGITALISM
36251 GGTCTGGGTT TGGCTCATGA GAGGTACATC CTTCCCACCT CCCCAGGATG
36301 GGCTCTCAGC AGCTGGCTTT CTGTACCCTG GCACCCCAGG CCCTTCTTGG 36301 CCCCTACCCC GTGTTCACTG TTGCCCTCAC CTTGGGTGAT GACTGGGTCA
SCORE COCOTACOCO CITATICACIA I IGAL LI IGGIGIAN GALIGOSICA
SUSSE CONTROL AND A SUSSE ASSESSMENT CITCACCOCTIC ACCICCACC
SCARL CATROCKACAC CACCAAACCC ATGITCIGLI GICALLLILL AUCICIISCI
36401 CATGGGAGAG GAGGAAACCC ATGTTCTGCT GTCACCCTCC ACCTCTTGCT
36401 CATGGGAGAG GAGGAAACCC ATGTTCTGCT GTCACCCTCC ACCTCTTGCT 36451 GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC ACCTCTTGTGACTC TTATCCCAGG CTGGCAGGGTT TTATCCCAGG CTGGCAGGGTT
36401 CATGGGAGAG GAGGAAACCC ATGTTCTGCT GTCACCCTCC ACCTCTGCT 36451 GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501 ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCCAGG CTGGCAGCGT 26551 CCTGCCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG
36401 CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICACCTCC ACCITCTGCTGCTGGAGAGGAGGAGGAGGAGGGAGGGAGGGAGG
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GTCACCTC. ACCTCTGCGCAGCGT 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TTCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCCAGG CTGGCAGCGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601. GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36601. TCCAACCTCA. CCTAAACTGC. AGAGACAAAG AAGAATATGC TTTGGGATTT
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GTCACCTCC ACCICTACCT 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCCAGG CTGGCAGCGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601. GACCGGACTC TGTATCTTGG CTTATCATCTA GTCCACTTCT CAGCATTCCT 36601. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTGGGATTT 36601. TACAACCCCA ACCCCATATG CTATCAATTG GAAAGGAGTT CAGATTCTGG
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALLITE ALCICTICAL 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCCAGG CTGGCAGCGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601. GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTGGGATTT 36701. TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGTT CAGATTCTGG 36701. TGAAGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALLITU ALCICTIONS 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGCATCATT TTATCCCAGG CTGGCAGGGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601. GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTTGGGATTT 36701. TAAAGATTGA ACCCCATTTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36751. CTGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36851. AGTGCCCCTTT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALLITUL ACCICTIONS 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGCATT TTATCCCAGG CTGGCAGGGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601. GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTTGGGATTT 36701. TAAAGATTGA ACCCCATATG CTATCAACTTG GAAACGAGTT CAGATTCTGG 36751. CTGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36801. AGACCCTGT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA 36811. AGAACCCTGT GCTCTTTAAA GTTTCCAGGG CACAATTGAG ATCCTTGAGG
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALLITE ACCICTIONS 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGCATT TTATCCCAGG CTGGCAGGGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601. GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTTGGGATTT 36701. TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGTT CAGATTCTGG 36751. CTGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36801. AGTGCCCTTT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA 36851. AGAACCCTGT GCTCTTTAAA GTTTCCAGGG CACAATTGAG ATCCTTGAGG 36901. TACAGTTCAT CCCATGCAGGC CTAGCCACCT CTCCTGCCTTCC
36401 CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICACCTIC ACCICTIONS 36451 GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGGG TCTGTGACTC 36501 ACAGTGTTGT GGGGAGTGAT GGTGGCATT TTATCCCAGG CTGGCAGGGT 36551 GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601 GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651 TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTTGGGATTT 36701 TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGTT CAGATTCTGG 36751 CTGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36801 AGTGCCCTTT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA 36851 AGAACCCTGT GCTCTTTAAA GTTTCCAGGG CACAATTGAG ATCCTTGAGG 36901 TACAGTTCAT CCATGCAGAC CTAGCACCTG CTTTAAGGTAA GGGCTCTTGT 36601 TCACACACAA GTGGTAGGTT CTGTTTATGGTT CAGCTCAGCT
36401 CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALCTIC ACCICTIONS 36451 GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGG TCTGTGACTC 36501 ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCCAGG CTGGCAGCGT 36551 GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601 GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651 TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTTGGGATTT 36701 TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGTT CAGATTCTGG 36751 CTGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36801 AGTGCCCTTT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA 36851 AGAACCCTGT GCTCTTTAAA GTTTCCAGGG CACAATTGAG ATCCTTGAGG 36901 TACAGTTCAT CCATGCAGAC CTAGCACCTG CTTTAGGTAA GGGCTCTTGT 36951 TACTTCTTGT TCTTATCGGT TCTTTATGTTCAGGTT 37001 TCAGAAGAAA GTGGTAGGTT CTGTTTTAGGTGTGGTGGTGGTGGTAGGTT TATTGAGGGGGAGGTG GTAAAGCAGT
36401 CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALCTIC ACCITCTION 36451 GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGGG TCTGTGACTC 36501 ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCCAGG CTGGCAGGGT 36551 GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601 GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651 TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTTGGGATTT 36701 TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGTT CAGATTCTGG 36701 TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGTT CAGATTCTGG 36701 TCGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36801 AGTGCCCTTT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA 36851 AGAACCCTGT GCTCTTTAAA GTTTCCAGGG CACAATTGAG ATCCTTGAGG 36901 TACAGTTCAT CCATGCAGAC CTAGCACCTG CTTTAGGTAA GGGCTCTTTGT 36951 TACTTCTTGT TCTTATCGGG TTCTTATTGTG CTTTCTTTT TCGTGGTGG 37001 TCAGAGAGAA GTGGTAGGTT CTGTTTTAGG CTTTTTTTTTGGTGTGG 37011 TCGGAGGTGT CAAACCCGCAT TATTGAGGGG AGCTCACCTC
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALLITE. ALCICTICS. 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCCAGG CTGGCAGCGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601. GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTGGGATTT 36701. TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGT CAGATTCTGG 36751. CTGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36801. AGTGCCCTTT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA 36851. AGAACCCTGT GCTCTTTAAA GTTTCCAGGG CACAATTGAG ATCCTTGAGG 36901. TACAGTTCAT CCATGCAGAC CTAGCACCTG CTTTAGGTAA GGGCTCTTTG 36951. TACTTCTTGT TCTTATCGGG TTCTTATGTT CAGCTCAGCT
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALLITUL ALCICTICULT 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCCAGG CTGGCAGCGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601. GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTTGGGATTT 36701. TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGT CAGATTCTGG 36751. CTGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36801. AGTGCCCTTT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA 36851. AGAACCCTGT GCTCTTTAAA GTTTCCAGGG CACAATTGAG ATCCTTGAGG 36901. TACAGTTCAT CCATGCAGAC CTAGCACCTG CTTTAGGTAA GGGCTCTTGT 36951. TACTTCTTGT TCTTATCGGG TTCTTATGTT CAGCTCAGCT
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALLIC ALCICTICAL 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCAGG CTGGCAGGGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36651. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTGGGATTT 36651. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTGGGATTT 36701. TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGTT CAGATTCTGG 36751. CTGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36801. AGTGCCCTTT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA 36851. AGAACCCTGT GCTCTTTAAA GTTTCCAGGG CACAATTGAG ATCCTTGAGG 36901. TACAGTTCAT CCATGCAGAC CTAGCACCTG CTTTAGGTAA GGGCTCTTGT 36951. TACTTCTTGT TCTTATCGGG TTCTTATGTT CAGCTCAGCT
36401. CATGGGAGAG GAGGAAACCC ATGTTCTGCT GICALLITE. ALCICTICS. 36451. GGGTCCTGGG TACAAGCTCA GGGAGGGTTG GGATCAGGCG TCTGTGACTC 36501. ACAGTGTTGT GGGGAGTGAT GGTGGTCATT TTATCCCAGG CTGGCAGCGT 36551. GCTGGCATAT TGATGAGCAG CTGCTGGCAT GATGATTTGT CCTGACCCTG 36601. GACCGGACTC TGTATCTTGG CTTTAGTCTA GTCCACTTCT CAGCATTCCT 36651. TGGAAGCCCA CCTAAACTGC AGAGACAAAG AAGAATATGC TTTGGGATTT 36701. TAAAGATGGA ACCCCATATG CTATCAATTG GAAAGGAGT CAGATTCTGG 36751. CTGGGCTGAA TCACTGATTT TCCAGGCAAG TGGAACTTTA ATGACCCACT 36801. AGTGCCCTTT GTTCACTGTG GGCTGGCTGG GGAGGAACCC TTGCCTTTAA 36851. AGAACCCTGT GCTCTTTAAA GTTTCCAGGG CACAATTGAG ATCCTTGAGG 36901. TACAGTTCAT CCATGCAGAC CTAGCACCTG CTTTAGGTAA GGGCTCTTTG 36951. TACTTCTTGT TCTTATCGGG TTCTTATGTT CAGCTCAGCT

FIGURE 3-11

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37401	AGATCAGCAT	GATCTTGGAG	CCTAATGTGA	TCTGGATCTT	ATTACCATGT
37451	ATGITITIAT	CGTCAGGTGC	TGCTTTGGAC	TCTGGCCCAT	TCCTCCCACC
37501	TGTCTTCATC	CTGTCGGGGT	TGATCTCTGC	CTGGTTCCAT	AGTCACTTGG
37551	CTTTTGGAGT	TITATITCIT	CTCTAACCCA	CICTICCCIT	CCCTGTCAAA
37601	TATAATTCTC	TCATGAGCAA	CTGTGCCTGA	TAATCCCAGT	GTATAGGCCA
37651	TAGCTCAGGT	TGTTTTAATG	CTTGCAAGGA	AGTCTCTTCA	GATTACTACA
37701	GGGTAAAAGA	ATCCATTCCC	TTTCAACCTC	TCATTACTTA	CTGAATCAAT
37751	TATTTATTTA	CTTGTGTAAT	TCACATCCAT	GCTCAGGTAT	GIGITTAGTT
37801	TACCTCTGAG	ACTIGTIGGCTC	CCTCTAGACA	AGGGTCTTTG	TCTGGTATTA
37851	GTCCACTTCC	TCAGTGTCTA	ATTTCATGAG	GACAGAATCA	GGGCAAGACC
37901	TACTGGCTAA	GACTTGCTGC	TGCCTCAGTT	ATTTGGTTTA	CTGTTTAAGC
37951	CCTTGAGCCA	GGAGGTGACA	GTATCTTTTG	TGTTCCAAGT	CAGATAACCA
38001	GTAACAGTAA	TATTCTGATG	TAGGTCTAAG	GGGCAATAGG	AGCCTGAATC
38051	TGAGCCCCTT	GGCAGGGATG	GTTTCCCTGG	GTTACTGGAT	TTGAGTCTTT
38101	GICTICCGIA	ATAGTAACTT	CTGTGACCCT	TGGCTCAAGG	AGTOCTTTCT
38151	AACCTAAATG	CCTCCTGAA	GAAAGTGCTG	ATATTCATCA	GAAAAAAAAG
38201	TAGGGTTIGT	GITATGITAC	CATCTGGGAG	ACATTGGCTT	TAATCCTCTC
38251	CCCTCTTCTT	TICCITITAL	AATTTTCAAG	AATCCCCAGA	ATTGAGGGTC
38301	AATCCTGGAT	CAGAAGGGGC	AGAAAAGTCA	GCCAGTCAGA	GGTGAGAAAG
38351	GGICTIGIG	TICCAGTIGC	TCTACTTTAG	AGGGCTTGAG	GGCCGCATTA
38401	GGAGCAAACC	AAATACTCTG	AGGTCCTAGG	AGAAGATTGC	TCTAAATCCA
38451	GGATGATTTC	ATCATATGAC	TTGAGATGGA	GGGGTTCTTG	ATTAGTAATG
38501	GGCTTTTTGA	TTGCCAGGAA	GTAGGTAAAC	TGCAGGCAAT	AGGATTGGCC
38551	ATAGAAATAT	AGGGAACTICT	ATGCTTTCAA	CTCTTGTGAA	GTTAGGACCA
38601	AACCAAATTA	THEGGIT	ATTIGGTGGCT	AAGAAATTAA	CTTTTATACT
38651	TATAGTTAAA	AAAAAAAAA	TTAAAGAACT	TITATTAATT	CTTCCCCAAT
38701	AGAGTGATTT	TITITIO	TTAAGAGAGG	GAGTCTGGCT	CIGTIGCTCA
38751	GCTGGAGTG	CAGTIGGTGCA	ATCATGGCCA	CCCTCACTG	CAGCCTTGAC
38801	CTCCCAGGCT	CAAGTIGACCC	TCCCACCTCA	GCCTCCTGAA	GTAGCTAGGA
38851	CTACAGGCGT	GCACCACCAC	ACCCAGCTAA	TTTTGTATT	TTTTGCAGAG
38001	ATGAGATTTT	GICATGITIC	CCAGGATAGT	CTCCAACTCC	TGGGCTCGGG
38051	CCATCTGCCC	COTTESCO	TCCAAAGTGC	TGGGATTACA	GGCATGAGAC
30001	ACCATGCCCA	GCCAGAATGA	THECTIC	TIGAATICIC	AAAATTTTAT
39051	TCTGGCTTAG	GTAATTGAGT	AGGAATGGCA	GAGAGTAATA	ATTITCAGTG
30101	TAATCTTTAG	CATTACATAA	ACCTICTACAA	ACATGAAGTA	AAAAGTTCTT
30151	TACAGACTTT	CTATAGGAAA	AATAAATGIT	TATAGATCTG	CTTATCAACT
30201	GIIGICII	CTACCTCTG	CATTITICATO	TATTGATAAC	TGTCAGAGTT
	CAAGGTCAGT				
30301	GTAAGACITT	GAATCATTAA	GTGCTGATGA	CTACATGGCA	CAATTCATTA
39301	AAGACAGTCA	TACTITAACC	TTAGTACAGC	TATAATGGGA	CGGTGAAATA
30401	CAACTAGGAA	AGTATOTAT	TAAAGTATTT	TACATTTTAC	TAATAAAATT
30451	TATTTAAACC	CTGAATTAGT	GITTATTITI	GTTTCCGAAT	TCTCAGTAAC
30501	ATCTCAGTAG	ATCCCTICAAT	CCTGCCAAAA	GACGTATTTT	AATCCAAAGA
39551	TCTTTCTGCA	TETATAATTT	ACCACACTAA	AGCTCACATT	ATCATTAAAA
30601	GCAGCATTAT	CATTAAATIG	TAGACATTTA	TTAGTTCATC	TCCAGGCCTA
39651	ATGGGAGTGG	TITIGGAGTAA	ACCTUGIAG	AAACAATAAT	ATGITTIGAT
39701	AAATGCATAT	GGGGTGGAG	TGGTTATCAC	TTACCTCCTC	ATGAAATTTC
39751	TIGGAAAGGTIG	ATCCGGAAAA	CCAGGACACA	TITATGGTAA	GATATAACAC
39801	CTTACCATAA	CGATTAAGGC	TCATTGAAAA	ACTICTGACTT	AATGAGTTTA
39851	CCAAAAAACT	GTTCTATCCA	CATCTCATCA	AACCGCCCCT	GAAATTCCCCT
39901	TGCCTCTGTT	AAATTTTTCT	AGACAGTCTC	AATAGAGGCA	TGIAATITT
39951	TTGGATTTTT	CTGTGGTTAA	ATAAATATCC	TTTACAACTC	TCTTTATTCT
40001	TGAATATCCA	TAAGAGTTTA	TATTTATACT	GIATGTTIGI	TATTAGGATT
40051	CCTTTCAATT	GCTATATAAA	AAATGTAAAG	TCIGTTTACT	GCCTTAAACC
40101	TICIGGIGIA	TITTATATA	AAGTAACACC	CTTAATTCTA	ACTTGGOCAA
40151	CAGGTAGGAT	GGTATTATTA	TTATCTTCAT	TGTACAGATA	AGGAAACTGA
40201	GCTCAGATT	GACTAGATCA	AACAGGAGTT	T TTCTGGAAAA	CCTAGGACAC
40251	AAGCCTAAAT	CITTGAACTO	: AAATACTGCT	CTACACTGA4	TTACAGTTAT
40301	ATACTGATTI	CIGITGIAN	TTCTTAGAG4	A AGACAGACAT	* AGAAATTAGT
40351	LAACTTGAGTC	AGTAGCGGCT	TIGITCAAAC	: ACAGGCACAT	GCATATTTTA
40401	LTGGTATATGT	TTATATCTG	GTAATACTC	TCATAAATGT	CAGATTTATA
40451	L ATCGATAGTO	COCATTICTA	AATTTATAGI	T TGAAACCTCT	GATAGGAATT
40501	L AGGAATTATO	TTAAAGTOCT	AGAATAATAA	A ATATTAAGAT	TTTGAAGACT
40551	L GCTTAAAACA	A GIGITCCAGO	CTGGATTTTT	TOCTTAGTTI	тттст
40601	L AGTTTTTAC	CITAGITIII	TCCATGTAAT	GAATGAGGAG	CCATTGGGGT
40651	LIGGIGTTIC	TTGTAAAGGC	CAGGTTGACT	TCACCAGGAC	GGTTCTTG
4070	L GTATTTATG(ATCCTCTTT	TCACACTAAT	CCTTTGATTA	GCTTCTT
40753	L ATAGTTCATO	CTIGTACAG	IGCAGCTGA	A IGGTAAGTAC	GTAGAAATAT

40801 GCATTGACTA ATGTTGAACT ATATCTAGGA GCGTCATATT CATGCTACTA
40851 CTGAGCACTG TGACCTAGGT GAAGTGTGAG ATTAAAGAGC TTTATTGCTT
40901 ACCACGITTC TITTIGATCT AGITAGAGIC ATGIGAGGCA GTCCATGACT
40951 TITAGGATGT TATAATATAA TOCACATAGT ACTITATACT TITCAATITG
40951 TITAGATGI TATATATA CONSTITUTE CONSTITU
41001 TITTTATATA TITTTCCTTA CTATAAGCCT GTCAAGTCTA GTGAGATGAC
41051 ATGGTTATTA ATATATTACA AATGAAGAAC TCTGACTTGG AGGTAGTATA
41101 GCACTGTGGT TAATAATAGA AGTTCTTATA TTTTTATATG AATTATATAT
41151 TATGAACCAG ACCAGAATAC TAGCTCTACC AATTACCTAG CTGAGTGATG
41201 GTGCAGCAAC TTAATCTCTC AAAGCCCTGG TTTTCTCATT GTAAAATGGA
41201 GIGGAGARE TIMICICIE MAGGETIAN TITLICATI COTACATTA
41251 GGACCITATA GGATIGITGG GTAGCITAAA TGAGATAATA GGTAGAATTA
41301 AAAGTAACGG CAAAAACCGC AATTACTTTT GCACCAACCT GATATTTAGA
41351 ACAGTIGGAGG CATATAGTAG GCATTCAATA AATATTIGGTA GTATTATTITT
41401 CAGAGGITAT TACTCATTTA ACTCAACAAA AATTGAGAGC CCCTTTCTAT
41451 ACGCTAGTCA TTGTGCTAGG CATCAGGAGC ACAGGGCAAA CCTGGTAGGG
41451 ACCINGION INGIGENASS CANCES OF CONTROL CONTROL
41501 TIGCTTACTICT GATIGGAATTT ACATTTTAGT GGTAGAAATG GTAAATGAGT
41551 CAACAAGAAT TITATIGGAGT GACAAGGACT TIGAGGAAAG TAAAACGGGA
41601 CAATGCTTGA GAAGGGTGCT AGTTGGGAAG TCCTATCACA CGAAGTGGTA
41651 TITICATICTICA GACCTICAGTIG ACCATAGCCA CATGAATACC TIGGGGGAATC
41701 ACTTCCCAGG AGGANACAGA AGCACAGANG CCGANAGGCA GGATCACAGG
41751 CGGCACATTT TATTGGTGCA GTGTGGAGGT AGAGGGACTG GATTGTGTAG
41751 COCACATTI TATICGICA GIGIGANGI ADMOST ATTACCATT
41801 GGTTTGTAGG CCAGGGTAAA GAGCTTGGAT TTCTTCTGAG TGTAGGATTT
41851 TGAGCAGGGG AGTGATGTGT CTTATTTTGG GCGGGGGGCTA GGCCAGGTAC
41901 TGTGAAGGAA ATAATGGTAT AGAAGAAATA TGTCTTTCTT GCTAGAATCT
41951 TATGTGACAT ACAACTAGTG GTGGCTGATC AGCAATTAGA ACTGCAGTGT
42001 TCTTGCTGGT GTACTCCTAA TCTGATCATT GGATGATATT TATCACGTAT
42051 TTTTGCAGCA GTCATCTCTA AAGTGGCATT ATGGTTCTAG TTATCTATCA
42051 TITICAGA GICAICICIA AAGIGGATI AIGGITCIAG TIAICIAICA
42101 TTGGATCTGT TTGCTCTAAC AGTCCGAAGG GGCATGAAGG GTGGAAACAG
42151 AGTAGAGGGA AATGGGTGAA AAGGCTATTT CTAAACACTA GACACAAAAT
42201 ACCCATTACG AAGTAGTCGG GGTTAGGAGA AAAAGCAAAA TCCTGTTGTG
42251 CATGGAGAGG GACATTGTTG AAACTGTGGC TTCTTGAGAT TACATGAGTG
42301 AACCTGGGTG GACTGGGTCG TCTTCCCTAT TCACCAAGCT GAATCCAGGC
42301 AACCIGGIG GALIGGIGG TCHTGCTAT CACCITAC ACTITACTA
42351 CCAATCCAAG ATTACTGCTG CCTTTGCTCT GAGGCTTTAG ACTGTTAGTA
42401 GCTTTTICTOG TCTCTACTGA GGCCAAAAGG GGCAGTGATA CCCTTGAATT
42451 TTCTTCTTAA AACAGGGTTT CATTTCCTTG GAAGTTTGTT TCTTTGAATC
42501 TITCTIGICAG TITAACIGTT ATCATCAATT GGITAGCATT CTAATAATAA
42551 TTATAATTAT AGTAAACATT TATTGAGTGC TTACGAAGAG CCAGTTCCAA
42601 GCTTTTTAT CTCCATTATT CTGCTACTTT CCTTCTCATT TTACAGATGA
42001 GCTTTTAL CICCATATT CICCATATT CONTINUES TO CONTINUES
42651 GGAAAATGAG GCACAGAGTG GTTAATTAAT CTGTTTGAGG TCCCGTAGCA
42701 GGTCAGTGAT GCCAGGGTTC AAACCTACAC TTAACTCTAC ACTAGAGACT
42751 GTTTCTTAA TTATTTCTTC ACAATCATAT GTTTAATGAT TACTTATTGA
42801 TTATTTAGTG GTCTGATAAG AAGAGGGAGC GGTGCTCTTC TGTTGGAGAA
42851 GAAAGGCTGG CTGATCAAGA CACACTGGTT GGTTTGAAGA AAAAATATAG
42901 ATGITAATTC CATAACACCA CACTCTAAAC ATTTCTACTG GACGAGTTCC
42901 AIGHTANTIC CATACACT OCCUPANT ACCACCT THAT ACCA
42951 ACCTGTGTGC CACTCGAAGT CGGATGCAGT AAGGAAGGCT TTTTATTGAG
43001 GAGAGAACGA ATACCTCTGT ATTCAAAAGA GAGTGTGTTG TTCCTTATAG
43051 AAGATIGAAG GGGGCTTGCC AGTGACAGAT TATGATGATT ACCTCCTTAG
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44501 CTGCTCCCTG CCACACTTTA TCATAACAAA AAACAAGAGA CACATGTTAC
44551 TACTIGTAGCA TIGTATAGTICA TIGGGGAATIGT GITICTAAACG AAATCCCATC
44601 ACAGTIGGAGT CAACACAATA TTTICTAGGGG AGAAGGTCTT CCTGTTAAAC
44651 TCATGTGAAG GCATTCTTCT CTACTATGGG AACTTGTTTA TGTGCCCTCT 44701 AGAAGACAGC TGAGATGGTC TTCAGTGAAT CTGTTCACTG ACATGTTGCT
44751 AGITTCTTTA TGITTACATG TAAACAGTGC TTAGAAGCAT CTTTCCCCAA
44801 GCTGTTCTTT TTTTGATGGA CTCCCCCCTTT TTGGGGGGAGT ATCAGTTGA
44851 TGAGCACTGT TIGTACTICTCA GCACTAGACA TTCTGTTATG TIGTGTGTGG
44901 GCTTCCTTGT GGCTTGGTAG CATTACCTCT GCATTACATG CTGCAGCCTC
44951 ACCAGGCAGA AGGGCCATTC ACTTCTGCTG CTACTTACCA GCACCTCTGT
45001 TTCCTCGAGT GTGTTACCCT CCCACCACCT GGGCCTTGGA CCTGGGTCCC
45051 TTGGGCTATT ATCCATGCTC CCACCTGCCC ATCTCTGCTC TGATATAATC
45101 TACTAGGATA ATAAAGTAGC TTTTCCCTAC CATAATGTTT TTTAAATAGA
45151 CATACAGCAA TIGTATAATIGI TTAAGAGCAT GATCCAAACT GTIGTCTGATT
45201 TTGAATCCTG GCTGAGTTAC TAGCTATGTA ATCTTGAGAA AACTACTCAA
45251 TCTCTCTGTG CCTTAATTTT CTTAGGTATA AAGCAGATAC TAATTATGCC
45301 ATCATAGGGT AGGTATGAGG ATTAAATGAG TGAGTATTTG TAAAACACTT
45351 AAAACAGTGA CTGACTTGGG CTACCCCTTT TGGGTCCCCT CCCTTTGTAT
45401 GGGAGCTCTG TITTCACTCT ATTAAATCTT GCAACTTCAC ACTCTTCCAC 45451 TCTGTGTTTG TTATGGCTCA AGCTGAGCTT TCGCTCGCTG TCCACCACTG
45501 CTGTTTGCTG CCATCGCAGA CCCGCCGCTG ACTTCCACCC CTCTGGATCC
45551 GGCAGGGTGT CCACTGCACC TCTGGTCCAG CGAGGTGGTG CCCATTGCCC
45601 CTCCCAATCG GGCTAGGGGC TTGCCATTGT TCCTGCACGG GCTAAGTGCC
45651 CTGGGTTCAT GCTAATTGAG CTGAATAGAG CTGTAACACT CACTGTATGG
45701 CCCAAGGTTC CATTCCTTGG AATCTGTGAG GCCAAGAACC CCAGGTCAGA
45751 GAAGAAGAGG CTTGCCGCCA TCTTGGAAGC AGCCCGCCAC CATCTTGGGA
45801 GCTCTAAGAA CAAGGACCCC CCGGTAACAT TTTGGCCACC ATGAAGGGAC
45851 TTCCAAAGCG GTGAGTAATA TGGGACCACT TTTGCTTGCT GTTCTGCCCT
45901 ATTCTTCATT GGAATTIGGAG GAAAATACCG GGCACCTGTC AGCTGGTTAA
45951 AAACAATTAG CATGGCCACC AGACTTAAGA CTCAGGTGTG AGGCTGTCTG
46001 GGGAAGGGCT GTCTAACAGC CCCCAACCCT TCTGGGTTGG GAGCGTTGGG
46051 CTGTCTGGAA CCAGCTTCCA CTTTCAGTTT TCCTGGGGAA GCTGAGGGCC 46101 GACTAGAGGC AGAAAGCTGT TGTCCTGAAC TCCTGGTGTT AGCTGGTTGA
46151 GATCATGGGG CAGCCAGAAG TCTCTACTCA ACAGTCAGCC ATGGGTGCAC
46201 COCTACCTTT CCTTCTGACC TATACCTCTT GGTCCTGACC ACAACTTGCT
46251 TGAAAGTIGTA GOCCCAAAAT TCTCCTTACC TCTGAATCTA CTTCCTCCAA
46301 TCCCTGCCTC CTAGGTACTA ATGGTTCAGA CCTTCATTTC CTCTAGCAAG
46351 CIGTATCICC AAAGGATCT AAGGAAGCTC TATGCTGTGT CCTTAAGCCC
46401 CTAGGCTCTG AACCCAGATA GTCTTGTCCC TGGTGTCCCT CCCAATTTAG
46451 GCATACAGCT CTCAACATGG GCAGTTATGT AGGACCTGTT CCCCACCATC
46501 CTTGCCAGGG TCCCAGGTTT GTAAAGGGCT AGGAGAAGAG AGAGAGAGAG
46551 AGAGACAGAG ACAGAGGGGA GAGAAAGAGA GAGAGACGAA GAGGGAGTCA
46601 AAGAGAAAAA GAAAGAGAAA GATAGAAGTA GTAAAGAAAA AATAGTIGTIGC 46651 CCTATTICCTT TAAAAGCCAG AGTAAATTTA AAACCTATAA TTIGATAATTIG
46701 AAGGTCTTCT CCTGACCCTG TAACACTCCA ATACCACTTT ATTGTCAGTG
46751 TAAACAAGGG GGTAGCCCAA AAACACTGAG ACCACTGACA ACCTATCAAA
46801 ATCCTATCAA AAATCCGTAA CCCAGTAACA CGTGGATGGG CCAAAGGCAT
46851 TCAGTOGGTA GOGGCAACTG CTTTGCTAAA AGTAGAAAAA TAACTTTAGA
46901 GGAAACCTCA TTGTGAGTAC ACCTCACCAG TTCAAAACTA TCCTAAGTCA
46951 AAAAAGCAAA AAGGTAACTT ACTAACTCGA AAATCTTAAA ATATGGGGCT
47001 CTTCTGTTAG AATAAAGGTA ACTTATTAAC CACTGAAAAT TOOCTTAACC
47051 CAGCAGATTT CCTAACAGGG GATTTAAATC TTAATTACCA TACAAAGGTC
47101 CGACAGATICT AGGAGGAACT CCCTTCAGGA CAGGATGATA GATGGTTCCT
47151 CCCAGGTAAT TGAGGGAAAA AACCACAATG GGTATTTAGT AATTGATAGG
47201 GAAACTICTTIG TAGAAGCAGA GTTAGGAAAA TTGCCTAATA ATTGGTCTIGC 47251 TCAAACATGC GAGCTATTTIG CACTCAGCCA AGCCTTAAAG TIGTTTACAGA
47231 TOMACATOC GARCIATTIG CACTOAGCA ACCCITADAG TGITTACAGA 47301 ATCAAAAAAA CICAATCICA ATCCIGACTC AAAAGGITAC CTACACCCTC
47351 TCTGAAATGA ATTTGCATAA GAACTGTTGT TTATGGGAAT GCATCTTGAT
47401 GGGGCAACTG GGTTGTTATG AAATACTCAG GAACCCAGCC CAGCTCCAGG
47451 ACTCACCCCT GAGCAAAAAA GCAATGTTGG GCACTCTGGT AAAGGACCAC
47501 TAGAATOCAG CAGOCTIGAC COCTTTCTTT GTGGTCAAGA AAGGCAGGAA
47551 AAGGGGTGCA GGACTGCTAC ATCAGTGAGT GCAACTAATC TGATAAGCAG

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47601	AGGTCCATGG	GTGGTTACAC	ACCCTGGAAA	GGAATAAACA	TTAGGACCAT
47651	AGAGAACGCT	CTAGGACTAA	TIGCTICATTIGG	AAAATGACTA	GGGGTGCTGG
47701	CATCCCTATG	TCCTTTTTC	AGATAGGAAA	TGTTCCCCCC	AAGGCAAAAA
47751	TGCCCGTAAG	ATATATTCTG	GAGAATTGGG	ACCAATTIGA	CTCTCAGATG
47801	CTAAGAAAGA	AATGACTTAC	ATTCCTCTGC	AGTACCACCT	GGCCATGATG
47851	TCCTCTTCAA	GGGGGAGAAA	CCTGGCCTCC	TGAGGGAAGT	ATAAATTATA
47901	ACACCATCTT	ACAACTAGAC	CTCTTTIGTA	GAAAAGAAGG	CAAATGGAGT
47951	GAAGTGCCAT	ATGTACAAAC	TTTCTTTCA	TTAAGAGACA	ACTTGCAATT
48001	ATGTAMAAG	TATGATTTAT	GCCCTACAGG	AAGCCCTCAG	AGTCTACCTC
48051	CCTAACCTGA	TGTCCCCTG	ACTCCTTCCC	CAACTAATAA	GGACCCCCCT
48101	TTCAACCCAA	ACAGTCCAAA	AGGACATAGA	CAAAGGAGTA	AACAATGAAC
48151	CAAAGAGTGC	CAATATTCCC	TGGTTATGCA	CCCTCCAAGC	GGTGGGAGAA
48201	GAATTOGGCC	CAGCCAGAGT	GCATGTACCT	TITICICICI	CACACTTGAA
	GCAAATTAAA				
48301	TTGATGTTTT	ACAAGGATTA	GGACAATCCT	TTGATCTGAC	ATGGAGAGAT
48351	ATAATATTAC	TGCTAAATCA	GACGCTAACC	TCAAATGAGA	GAAGTGCTGC
48401	CATAACTGGA	GCCCGAGAGT	TTGGCAATCT	CTGGTATCTC	AGTCAGGTCA
48451	ATGATAGGAT	GACAACGGAG	GAAAGAGAAC	GATTCCCCAC	AGGGCAGCAG
48501	GCAGTTCCCA	GIGTAGCTCC	TCATTGGGAC	ACAGAATCAG	AAGATGGAGA
48551	TTGGTGCCGC	AGACATTTGC	TAACTTGCGT	GCTAGAAGGA	CTAAGGAAAA
48601	CTAGGAAGAA	GCTATGAAT	TATTCAATGA	TGTCCACTAT	AACACAGGGA
48651	AAGAAAGAAA	ATTOTACCAC	CTTICTGAG	AGACTAAGGG	AGGCATTGAC
48701	AAAGCATATC	TOTOTOTO	CIGACTICTAT	TGAAGGCCAA	CTAATCTTAA
49751	AGGAAAAGTT	TATCACTCAG	TCAGCTGCAG	ATATTAGAAA	AAAACTTCCA
407 JI	AAGTCCGCCT	TACCOCCIONS	CCAAAACTTA	CAAACCCTAC	TGAACTTGGC
400UT	AACCTCGGTT	TITTATAATA	CACATCACCA	GENGENGGEA	CAATCCCACA
40001	AATGGGATAA	AAAAAAAAA	CCCACTICATI	TACTICATICSC	CTTCACCCAA
	GCGGACTTTG				
40001	TAATAGGGCT	TOCTTOCACT	CCCCTCTCAA	CCACACTETA	AAAAACATTA
49001	TCCAAATAGA	AATAACCCAC	TOCCETTO	ATCCCCCTTA	TATICAACCCA
49051	ATCACTGTAA	AAIAAGUAU	CCACCCAC	CTACCTCCTC	TCACTICACAA
49101	GCCACTAACC	ACATEATECA	CCACCACCAC	TCACCCTCCC	TOCCOCCAACC
49151	GCCACTAACC	AGAIGAICCA	CAGCAGGAC	TIGAGGGTGCC	TTCACCATTC
	ACCAGCCCAT				
	AGGGCCAGGA				
49301	TTACTCTCCT	GICCUGACA	ACIGGCCICC	AIAICIGICA	CIATCOCAGG
49351	ACAGCCAGTC	ACTAGATACT	ICICCAGCC	ACIAAGIIGI	CACTGGGGAA
49401	CTTTACTGTT	TICACATGCT	TTICIAATIG	IACCIGAAAG	TACACCICAL
49451	TTGTTAGGGA	GAGACATTCT	AGCANANGCA	GGGCCATTA	IACACCIGAA
49501	CATAGGAGAA	GGAACACCCA	menec	CCTGCTGGAG	GAAGGAATTA
49551	ATCCTGAAGT	CTGGGCAACA	GAAGGACAAT	ACGGATGAGC	AAAGAATGCC
					CCTACCAAAG
					AAGATIGITA
	AGGACCTAAA				
49751	ACTCCAACTT	TACGAGTACA	GAAACCCAAC	AGACAGTGGA	GGTTAGTGCA
49801	AGATCTCAGG	ATTATCAATG	AGGCCATTGT	CCCTCTATAC	CCAGCTGTAC
	CTAATCCTTA				
49901	ACAGTOCTGG	ACCTTAAGGA	TGCCTTTTC	TGCACTCCTA	TACATGCTGA
49951	CTCTCAATTC	попосст	TTGAAGATCC	TTCGAACCCA	ACATICTICAAC
50001	TCACCTGGAC	TGTTTTACCC	CAAGGATTCA	GGGATAGCCC	CCATCTATTT
					TGGATATTCT
50101	. татссттаа	TATGOGGATG	ATTTACTTT	AGCCGCCCGT	TCAGAAACCT
50151	. TGTGCCATCA	AGCCACCCAA	GIGCTCTTAA	ATTTCCTCGC	CACCTGTGGC
50201	. Tacaaggttt	CCAAACCAAA	GCTCAGCTC	TGCTCACAGC	AGAGGGCTAT
50251	. TTATCCCTAA	ATACTTAGGG	CTAAAATTAT	CCAAAGGCAC	CAGGGCCCTC
50301	. Agtgaggaat	GTATCCAGCC	TATACTGGCT	TATOCTTATO	CCAAAACOCT
50351	. aaaacaact a	AGAAGGTTCC	TTGGCATAAT	* AGGCATAACA	GGCATAACAG
50401	. जागटाढटाढ	AATATGGATT	CCCAAGTACG	GCAAAAATAGC	CAGACCATTA
50451	. Tatacactaa	TTAAGGAAAC	: TCAGAAAGCC	AATACCCATT	TAGTAAGATG
					ACCCTAACCC
					TTTCTATGTC
					TCCGAGGGAC
50651	. CAGCTTGCAA	CCCATGGCAT	ACCTGAGTAA	GGAAATTGAT	GTAGTGGCAA
50701	. AGGGTTGGCC	TCATTGTTTA	COGGTAGTGG	COGCAGTAGO	AGTCTTAGTA
50751	. TCTGAAGCAG	TTAAAAATAAT	* ACAAGGAAGA	GATCITACTG	TGTGAACCTC
50801	. TCATGATGTG	AACCGCATAC	TCACTGCTAA	AGAAGACTGG	TGGCTGTCAG
					GCCAGTGCTG
50901	. TGACTGCGCA	CTTGTGCAAC	: TCTTAACCCA	GOGACATTTC	TTCCAGACAA
50951	. TGAAGAAAAG	atagaacaga	ACTIGTICAACA	AGTAATTGCT	CAAACCTACG

51001	CCGCTTGAGG	GGACCTTCTA	GIGGITCCCT	TGACTGATCC	CAACCTCAAC
51051	TTGTATACTG	ATGAAAGTTC	CTTTGTAGAA	AAAGGACTTC	GAAAAGCAGA
51101	GIGIGIAGIG	CTCACTGATA	ATCCAATACT	TICAAACTAAT	CTICTICACTC
21101	GIGIGIAGIG	OLOMICALY.	COLCALCTAL	TACCCCTCAC	TCACCCACTA
21121	CAGGAACTAG	IGCICAGCIG	GCAGAACIAA	IAGCCCICAL	ICAGGCACIA
51201	GAATTAGGAG	AAGGAAAAAG	GGCAAATATA	TATACAGACT	CTAAGTATGC
51251	TTACCTAGTC	CTCCATGCTC	ACCCACCAAT	ATGGAGAGAA	AGGGAATTCC
71271	TAACTTCTGA	CCAACCCT	ATCAAACATC	ACCAACCCAT	TANCANACTA
ZTZOT	TAACTICIGA	GGGMCCCI	AICHACAIC	AGGAAGCCAT	IMOVACIA
51351	TTATTGGCTG	CACAGAAAATC	TAAAGAAGTG	GCAGTCTTAC	ACIGCIGIAA
51401	GAAAGGACAG	AGAAATAAAA	GGGAACCGCC	GAGTGGATAT	TGAAGCCGAA
51451	AGAGCCACAA	CCCCCCACCC	TCCATTAGAA	ATTECTTATAG	AAGAACCGCT
21421	AGAGCCACA	GGGGGGGCCC	10041 IAGAA	CCCCCACTAC	TCACAACAAC
51501	AGTATGGGGT	MILLLILL	AAGAAACCAA	GCCCAGIAC	1CARACAAR
51551	AAATAGAATG	GGAAACCTCA	TGAGGACGTA	GITTCCTCCT	CAGGATGGCT
51601	AGCCACCAAA	GAAGGAAAAA	TACTTTTGCC	TGCAGCTAAC	CAATGGAAAT
21001	TACTTAAAAC	CTTCACTTA	CCCATTCATA	CCACCCATICA	CATICCCCAAA
2TO2T	IACTIAAAAC	CCHCACHA	GGCATTGATA	GOACCOATCA	GAIGGCCAAA
51701	TCATTATTTA	CTGGACCAGG	CCTTTTCAAA	ACTATGAAGC	AGAIAGICAG
51751	AGCCTGTGAA	GTGTGCCAAA	AAATAATCCC	CTGCACTTCA	GGCCATGCAT
51801	TTCAATCCCT	CAATCITTAA	COCCUGIT	AAGITIGICT	CTTACAGAAT
27007	TGAAGCTGTA	446674644	TOTAL	AATCCATCCC	CACATCCACT
51901	CTATGACTCA	AATCTACCGC	GGACCCTTGG	ACCGGCCTGC	TAGTCCATGC
51951	TTCGATGTTG	ATGATATCAA	AGGCACCCCT	CCCGAGGAAA	TCTCAAGTGC
52001	ATGACCCTTA	CTTCCACCAG	TTCACCACCA	ACCACTTAGA	CCCCCCTTG
52001	AIGAGGCTTA	CCAATACTAC	11000000	COCHOCACAC	CCCTTCCTCA
	GCCAACCTCC				
52101	GAGACAGGAC	TAGCTGGATT	TCCTAGGCCG	ACTAAGAATC	CCTAAGCCTA
52151	GCTGGGAAGG	TGACTGCATC	CACCTITAAA	CACGGGGCTT	GCAACGTAGC
52201	TCACACCCGA	CCAATGACCT	ACTAAACACA	CCTCACTAAA	ATTACTAATTA
22201	TORONOUSA	COMIGNOSI	AG1/A44G4G4	OCIONCIAMA	COTTCACACCA
52251	GGCAAAAACA	GGAAGTAAAG	AAAIAGCCAA	ICAICIAICA	CHGAGAGCA
52301	CAGGGGAGG	GACAATGATC	AGGATATAAA	CCCAGGCGTT	CTAGCCGGCA
52351	ACGCTACCC	TCTTTGGGTA	CCCCCTTT	GTATGGGAGC	TCTGTTTTCA
52331	CTCTATTAAA	TCTTCCAACT	CCACAAAAAC	CAAACCAAAC	CAAACCAAAC
324UI	CICIALIAM	ICIIGOVICI	GO-CO-VIVE	*********	446647446
52451	AAACAAAAAA	ACAGTGACTG	ACHAIGGIA	AACAHAIAI	CHANTE
52501	TAAACCAAAT	ACTITITIC	TAATTATAAA	AGTOCTACAC	TAACATTGCA
52551	GAAAACTTGA	GGAATTCAGA	AAAGTTATTA	CTTAGTAAGA	GTTGGAATGA
52551	ATAAATAAGT	CCCTACTTAC	CATCCCACCC	ATTEMENT	CCCAGAGAGA
25001	AIAAAIAAGI	GGGIAGITAG	GAIGGCAGGC	AIGIGITTIA	000/040404
52651.	TACAAGATAA	AGAACTAAAA	CTAGAATCIG	GICTTIGAAC	CCCIGGCCIG
52701	ATTGTCTTAT	TCATCATGAT	GATTTGCCTA	TTTTTCCAAT	TTCTAAATCA
52751	TTCCTCTGCT	GTTGACAAAG	CAATAAATTG	TTATATTTGA	TAAGTGAATC
52001	TTCAGAGAAC	TOCOCTIONS	CCACCTICTAC	AACTAACCAG	CTCTGTGCC
22001	TICAGAGAVIC	1000011040	CONSCICIAC	744C1744CC763	TACCACTICAL
52851	CTTTGGAGAA	TTTCTTAATA	TTIGTAAACC	TCAGCITICC	IACCAGIGAA
52901	ATGAAGTTAG	TOCTOCCTGT	CCTGCAGGGT	TGCTGCAAGG	ATTTAACAAC
52051	ATGTATATGT	ACAAACCACT	TAGTOCTIGTG	CTTGGCCTAT	пасасти
52001	דווווווונו	TITITIAAC	ACACCCTCTT	CCTTCAATCT	TOCTICACCECT
2300T	HILLICE	TITITIAAG	ALAGGGICTI	GCTTGAATCT	IGCIG-GGCI
53051	GGATTCAAAC	TCCGGGGGCTC	AAGTGATCCT	CCTGCCTCAG	CCHCCAAGI
53101	AGCTGGGACT	ACAGGCCTGC	ACCACTGTGC	CTGGTGGCAG	TGCTGGTTGA
53151	ATGITCITI	TOTTAGTTO	CTTCCTAGCT	CTTCTGACAG	TITTIGGGGCT
22777	ATATATATA	ACAACCACTT	CCTTCCCTCA	CCCAGAGAGG	ATGCAGTAGA
2250T	IAIGIAIAIA	AGMIGGALTI	GGTTGCCTCA	0004040400	TANCTANCA
53251	. GITACATAGC	TCAULICACA	ICCICCAMA	GCIGAALICA	TAAGTAAACA
53301	. Aagtgagcat	TTCACCCATA	CTTTACACAA	AGTCTAGAAT	ATTTATGGTG
53351	TCCATCAGGC	TCACATACTG	TGACCTTCTG	AGATACTTTT	COCTCTCCAT
23/101	TOTAL	דמרווווו	(C)	11111111111	псинн
アンイレエ	. ,		CAACCTATAT	· ACACAATACT	ACAAAAACAT
2242T		CIGIGOVA	WULIAIAI	WANAMING!	**************************************
53501	. Acctigitatag	TTTGAAGAGT	AATTATTAAC	AGICHATIA	AGAAACAATG
53551	CTCCATCCAT	GTTACTGCAA	AAGACATGAC	CTTATTCTTT	TICTICTTAA
53601	TITITITI	THETTE	TATTTTGGCC	CTTTTTCAGA	TCTAGACCTG
53651	CACACATCTT	CTTCTTTTT	TCACACACCA	TOTOCTO	TCACCAGGCT
53/01	. Ggag itcagi	GGCGTGATCT	CGGCTCACTG	CACCCICIGO	CTOCTGGGTT
53751	. CAAGTGATTC	CCCTGCCTCA	GCCTCCTGAG	TAGCTGGGAC	TACAGGCGCG
53201	TICCCACCACA	TCCACCTAAT	TTTTATTT	TTAGTAGAGA	CTGGGTTTCA
22001	· ····································	CACCATICETT	TCAATCTCTT	CACCINCA	TCTGCCTGCC
22027	. 1041011000	AAA COOK	AATTACACC	- ATC-100104	ACCOCCACCC
23901	. ICACCCCA	AAAGIGCIGG	AATTACAGGC	DADUAUIA.	ACGCCCAGCC
53951	. GATCTTGTTC	TTTCTTATGA	CTGTGTAGTA	TTCCATGGTA	TATATGTACC
54001	ACATTTTCTT	TATGCATTCT	ATCATTGATG	GGCATCTAGG	TTGATTCCAT
5/051	CICTICTATE	CICAACACTO	CTCCACTCAA	CATTCACCIO	CATGIGICIT
24101	LIGIGGIAGAC	. IGCILIAIAI	ICCICIOGGI	AIAIGCICAG	TAATAGGATT
54151	l gctggattga	ATGGTAGTTC	. TTCTTTTAGC	. TCTTTGAGGA	TACTECTTTC
54201	CACAATGGTT	GAACTAACTT	* ACACTCATAC	AGTATATAAG	CATTCCTTTT
54251					
	TOTOTACAAC	CHOCCACCA	TOTAL	· 1116/471	· VCCITICCEVE.
フィとフュ	TCTCTACAAC	CTCGCCAGCA	TCTGTTACTT	TITGACTTAT	AGGTGGGAGC
54301	TCTCTACAAC	CTCGCCAGCA GAACTTATGA	ATGTAAAGAA	GGAAACAGAC	ACTGGGATCT
54301	TCTCTACAAC	CTCGCCAGCA GAACTTATGA	ATGTAAAGAA	GGAAACAGAC	AGGTGGGAGC ACTGGGATCT AGATAACTCT

54401	TGGTTACTAA	GCTTAATACT	TGGACAATGT	AATAATATGT	ACAACAAACC
54451	CCTGTGACAC	ATGITTATCT	ATGTAACAAA	CCTTCACATG	TACCCCTAAA
5/501	CCTAATTITT	TTTAAAAGAA	ACAGAATGCC	ACCCACCCAT	AGAGGCTAAT
242C1	TOTAL	CCCAGCACTT	TOCCACCETTE	AGATICICCAG	ATCACTTCAG
2422T	IGCCICIAAI	CUAGCACTI	1000400010	TACCACAACC	CCATCTCTTC
54601	CCCAGGAGTT	TAAGGCCAGC	CCAGGCAACA	IAGCAGAACC	CAICICITE
54651	ΔΔΑΔΑGΤΑCA	AAAATTAGCT	GGGCATGGTG	GTGTGCACCT	GTAGTCCCAG
E 4701	CCCCTTCCCA	GACTGAGCTG	CCACCATCCC	TTGAGCCCAG	GAGGTCAAGG
34/01	CCCTIGGGA	GACIGAGCIG	CONCONTOC	TOCACCETTCC	CCCACACACC
54/51	CTGCAGTGAG	CTGTGATCAT	GCCACIGCAC	ICAGCIGG	GUALACAGE
54801	AAGACCCTGT	CTCCAAAAAA	AAAAAGAAAA	GGAACAGAAT	GTTACCAGCC
5/951	CAACTICCACT	TCTTCACTCC	CCACCACTC	TAATGAAGTC	ATCACTAACC
24001	CACCIOCACI	GTACTCACAT	ACCOTATION	TATOCACCTA	TETCACTICA
549UL	CACTICIAAA	GIACICACAI	ACCUAIGIC	IAIGGAGGIA	IGICAGIGGA
54951	GGCTAAGGTA	TGCCAGTGGA	GGCTTATGIA	CHAIGICI	AAAIAIIIAA
55001	AGTTATTAAA	TTAAAAAACC	ATTAAAATAT	GCTTTCTACC	TTGACAAACC
55051	TITATAACAA	AATTAGAAAA	TGTTTAATGT	TATGGCATTA	ΔΔΤΔΔΤΤΓΔΔ
77071	111/1//	CAAACATCAT	ACAATTTAAT	TAATTATTTT	ATTTATTT
22TOT	AGCAAAAIAI	CAAAGATGAT	AGAATTIAAT	IAAI IAI I I I	ALTHALLI
55151	ATTTGAGAGA	GGGTCTTTCT	GTGTCACCAA	GGCTGGAGTG	CAGIGATICA
55201	ATCATGGTTC	ACTGCAACCT	CAACTTCCCG	GGCTCCAGTG	ATCCTCCCCC
55751	CTCACCCTCC	CAAGTGGTTG	CCACTACAGA	CATGTGCCAC	CAAATCCAGC
22227	CIONOCICC	ATTENTION	ATACACCTAA	CCCTTCACT	ATCTTCCCTA
2230T	IAAIIIIAA	ATIGITITA	AIAGAGGIAA	GGGICICACI	AIGITGCIA
55351	GGCCAGTCTC	GAATTCCAGG	GGCTCAAGGG	ATCCTTTTGC	CITGICCICC
55401	CAGAGTIGCTC	GGATTTAAGT	TIGGGAGCCAC	TATACCCACC	CAACATAATT
55751	CAATTATITA	ATATTTCACA	TGTTTAGTA	TICTTICAT	AGGGATGTGA
22421	OMITATITA	AATAATAAAC	TAAATCAAAC	ACATATATIT	CAAAATTATC
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55551	TAGITATICT	AAAAAATTAA	TTATTTACCT	TTATTTTAGC	AAAATCAGTG
55601	TGTTAGCATA	ATCAAGATAT	TTTGGTATTC	TAGTAACAAG	ATCTAGTCAC
55651	ACTAATICATIC	TAAAGATTAA	ΑΛΛΑΤΛΑΛΑΤ	ΑΤΑΑΤΑΘΕΑΑ	COGTATAAA
3303T	AGIAAIGAIG	TTA A A TTTA A	AATTCAATAC	CACCTICCTIC	CCATCCCTCA
22\0T	CAAGIGGAAI	TTAAATTTAA	AAIGCAAIAC	CAGCIGGGIG	CGAIGCCICA
55751	CGCCTGTAAT	CCCAGCACTT	TGGGAGGCCA	AGGCAGGCGG	ATCACCTGGG
55801	GTCAGGAGTT	CAAGACCAGC	CTGACCAACA	TGGAAAAACC	CCATCTCTCC
55051	CAAAAATACA	AAATAAGTTG	COLUMN TO THE PARTY OF THE PART	TOCATION	TAATCCCAGC
2303T	TATTOCKACA	CCCCACCCAC	CACAATCACT	TCAACCACC	ACCCACACCCT
22201	TACTOGGAG	GCGGAGGCAG	GAGAATCACT	IGAACCAGGG	AGGCAGAGGI
55951	TGTGATGAGC	CGAGATCACA	CCATTGCACT	CCAGTTTGGG	CAACAAGGGC
56001	AAAACTCTGT	CTCAAAAACA	AAAAGAAACA	AAAAACACAG	TACCATTTAC
56051	ATTACCACCC	CTCAAAATGA	AATACTTAGG	ΤΑΤΑΛΑΤΙΓΓΑ	GCAAAATAGG
20021	ALIAGOACCE	CIOMMIGA	AACTATAAAC	CTCTCATICA	ACAAATAAAA
20101	TATAAGAGAT	ATATAAGTAA	AACIAIAAAG	CICIGAIGAA	AGAMIAAA
56151	GAACCAAATA	AATGGACAGA	TATTCCATGT	TCATGGATAG	GAAGACTCAG
56201	TAATGTCAAG	ATGTCAGTCC	TTTTCATCTT	TATCTATAGA	TTCAGTACAC
56251	TTTCAATCAA	AATCCCCGCT	ACTIATITIC	TOGATATTICA	CAAACTGATT
20231	Titomiom	TGTGGACAGG	CAAAACACCC	AAAATACCTC	ACATCCTATT
20201	CIAAAGIIIA	IGIGGALAGG	CAMAGACCC	AVVAIAGGIG	ACATOCIATI
56351	. Gaagcagaat	AAAGTTAAAG	TCICIACTIC	TICHCANA	TCATTICLE
56401	CAATATCAAA	TCAACTCATT	TTCTTCAATA	TCAAGTCAAC	TGTAGACTGA
56451	CACTICITA	CTTCAAGACT	TACTISTAAAG	CTACAGTAAT	CAGAACAGTA
20427	CAGIGICCIA	GAAAGAATAG	ACAAACACAT	COCATOCAACA	CAATAGAGAG
2020T	GGIATIGGI	GAMGANIAG	ALAWACAGAT	CGATGGAACA	CHAIRGAGAG
56551	. CCCAGAAATA	GACCCAGACA	AATACAGITA	AICHIGACA	AAGGAGGAAA
56601	GGCAATAGAA	TGGAGGAAAG	ATACCCTTTT	' Caacaaatgc	TGTTGGAATA
56651	ACTIGATIGIC	CACATGTAAA	AAAATGAATC	TAGACACAGA	CCTTACACCC
56701	TTCACAAAAA	TGAACACAAA	ATTOCATICATIC	AACCTAGACA	TGAAACACAA
30/01	. 11000	10404044	AIGGAIGAIG		CAATCACAAC
26/27	. AACIAIACAA	ATTICIGCIC	IGIGAAAGAC	AIGICAGA	GALGAGAR
56801	. Acttggaaaa	TATTTGCAAA	AGACACATCT	GATAAATGAT	ICI TATCTAA
56851	AATATATAGG	AACTCTTAAA	ACTGAACAAT	* AAAAAA GAAA	CCTGATTTTA
56001	AAATCTCCCA	AACACTCTAA	TAGATATCTC	ATCAAAGAAG	ATATATAGAT
56051	CCCAAATAAC	CATATGCAAA	CATCCTCCAC	ATCATACCTIC	ATCAGAAAAA
20227	. GGCAVATAAG	MAIGOWA	STICK TOOK	. AICHIMGIC	ALTOCOCAAA
5/001	. Tgcaaattaa	AATGATGAGA	TICIACIACA	CACHAHAG	AAIGGCCAAA
57051	. ATCCAAAACA	CTGACAACAC	CAAGTGCTGG	TGAGGATGTG	GGACAACAGG
57101	AACTTICATT	TATTGCTGGT	GGGAATGCAA	AATGGTATAG	CCACTTTGGA
57151	ACACACTT	CAGTTTCTTA	CAAAATTAAA	CACACTCATC	ΑΤΑΤΓΑΤΙΓΑ
2, T)T	. ACA		TTACCCAAAC		CTTATATTA
5/201	. ACAATTGCAG	TCCTTGATAT	ITALLIANA	GACILICANA	CHAIAHICA
57251	CACAGAAAACC	TGCACATAGT	TIGCTTACAGO	: AGCTTTATTC	. ATAATTGCCA
57301	AAACTTTGAA	GCAACCAAGA	TGTCCTTCAA	TAGGTAAATG	AATAAATAAA
57251	CTCTACCATA	TOCAGAAATG	GAGTACTCAG	TICTAMAM	GAATCACCTA
7/ 227	TCAACCTAT	AAAAGACATG	CACCAACCT	TATATITTA	TTTTTTACA
2/4UJ	LICAGCIAIC	AMARICAIG	CHUCKULII	IAIAIIIIIA	PERMITTER
57451	l gacagggtct	TGCTCTGTCA	TCCAGGCTGG	AATGCAGTGG	CACAATTATG
57501	L GCTCACTGTT	GCCTTGACCT	CCTGGGCTTG	AGCTCTCTTC	CTGOCTCAGC
57551	CTCCCAACTA	GCTGGGACTA	CAGGTGCATC	TCACCACACC	TGGCTAATTT
57 <i>5</i> 01	TTTTTTT	GAGATTGGGT	CHICAGO	TOTOLOGIC	CCITTICAAC
2/001	. 1111111111111111111111111111111111111		CLICCIOIO		- TC-TC-C-T-T-
2/65]	LICCIGGGCTC	AAGTGATCTT	CIGUICA	<u>uiuuwa</u>	IGCIGGAII
57701	L ATAAGTGTGA	(GCCACTATGC	CIGACITITI	TTTAAATTTA	тттспст
57751	AGAGACAACC	CCTTGCTTTT	TATTGCCCAC	GCTGGAGTGT	AGTGATGCAG
			-		

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57801	TCATAGCTCA	CTGTGGCCTC	AAGATCCTGG	GCTCAAGTAG	GAGCCCAGCT
57851	AATTTTTTT	AAAATTTTTG	TAGAGATGGA	GCCTTGCAAT	GTGGCCCCATG
57901	CTATGGAGGA	AACTTAAATG	CATATTTCTA	AGTGAAGAAG	CCAGTCTGAA
57951	AATGTTATAT	ACCATGGGAT	TTCAACTATA	AGACATTCTG	GAAATGGCAA
58001	AACGAAGGCA	ACAATAAAAA	GATGAATTGT	CAGGGAGTTG	GTCAGGGGAG
58051	AATGAATAGG	TIGGAGTACAG	AAGATTTTTA	GGGCAGTGAA	ATGTCTCTGA
50101	TACAGTAATG	CTCCACACAC	CTICTATATT	TGTCCAAATC	CATAGATTCT
10101	ATAATACCAA	CACTICAACCT	TAATATAAAC	TATICACITT	CCCCTTCCC
20727	ATGGTGACTC	CAGIGAACCI	TOCCAACACT	TTCCCACCTC	AACATCCCAC
2850T	AIGGIGACIC	AIGICIGIAA	TOCOMONICI	CCTCCTCACC	ATTICTICACCC
58251	GATCACTTGA	GGCCAGGAGI	TIGARACCAG	CCIGGICAGC	ATTGTGAGGC
58301	CCTATCTCTA	CAAAAATAAG	GAAACCATGG	ACTITICGATI	AIAAIGAIGI
58351	TTCAGTGTAG	GTTCCTCAGT	TATAACAAAT	GTACTACTCT	GGTGGGGGAT
58401	GTTTATAATA	AAGGAGGCAA	TGCATGTGTT	GGGGCAGGAG	GTATACGAGA
58451	AATCTGTTTA	CCTTCCTCTA	AATTTTACTG	TGAATCCAAA	ACTIGCTICTTA
58501	AAAAAAAAGG	TCTTAAAAAA	TAAAATTATA	TTTGAGGGAA	AATATTTGAA
58551	TTATTATTAT	TATTTICTIT	TTGAGACGGA	GCCCCC	GTCCCCCAGG
50501	CTGGAGTGCA	CTCCCACCAT	THECTEAC	TIGCAAGCTICT	acticine.
DOOOT	TTCACGCCAT	TOTOTOT	CACCOCTICATE	ACTACCTOC	ACTACAGGG
2002T	TICACGCCAT	TCTCCTGCCT	ATTITUTA	TTTTACTAC	ACATICCCCTT
28/01	CACGCTGCTA	IGCUGGCIA	AIIIIIIIII	COTTACTO	AGATGGGGGTT
58751	TCACCGTGTT	AGCCAGGATG	GICICGAICI	CCIGACCICG	IGAICIGUC
58801	GCCTCAGCCT	CCCAAAGTGC	TGGGATTACA	GGCATGAGCC	AUGUGULIG
58851	GCCTATTTGA	ATGATTTTTA	TCAAAGATGT	AAATTAAAAC	AAATGTAAAA
58901	ATAAAAAACA	AATCACTGTC	TGATTCTATT	TGTATAAATG	TCTAGAAAAT
58951	GCAAACTAAC	TTATAATGGC	AAACTACTCT	ATAGATCAGC	AGTTGCCTGG
59001	AGGCAAGAGG	GAAGAATTGC	AGTGAGGTAT	GATAAAACTT	TTGGGGTAAT
59051	AAATATATTC	ATTATCTICA	TTGCAGTGAT	GTTGGCACAG	GTACATCCAT
50101	ATGTCAAGAT	THETTEA	ATACTTTATG	TAGTITATIG	CATAACAATT
22707	CTATAAAATT	AAAAATCATA	AAATITICIT	TELLITANAA	ACATTICITIC
22727	THETHIT	CCTCACACCC	ACTICITION	TATCACCTAG	ACTICGACTIC
22507	TGATTGCAGC	CTGAGACG	TACCOTTCAAC	TCATCCTCCA	CCCCCACCCC
2922T	IGATIGCAGC	CHIGACLICE	TAGGCTCAAG	CCACCACACAC	CATATAATTT
59301	CCTAAGTAGC	TGGTACCACA	CAGGCGCAIG	COCCACACC	CAIAIAAIII
59351	TTAAATTAGT	TTTTGTAGAA	ATAGGGTCTT	GCCATGITIGC	CCAGGCTGGT
59401	CTTGAACTCC	TGGGCTCAAG	CAATCCTCCA	TCTTGGCCTC	CCAAAGTGCT
59451	GAAATTACAG	GTGTGAGCCA	CTGCACCTGG	CCATCTTAAT	TTTTAATATT
59501	TAAAAGAAAA	GTAAGGGCCA	GACACTGTGG	CTCTCACCTG	TAATCCCAGC
59551	ATAAGACCAG	CCTGGGTAAC	ATGGCAAGAC	CCCATCTCTA	TCAAAAATTG
50601	AAAAATTAAC	TGGGCATGGT	GGGGCTGT	GGTCCCAGCT	ACTCAGGAGG
50651	CTGTAGCTGG	ACCATICACTT	GAGCCTAGCA	CETTGAGGCT	GCAATAAGCC
50701	ATGTTTGCAT	CACTOCACTIC	CAGCTTAGAT	CACACACTICA	CACCCTIGATOT
22/01	CAAAATAAAT	ACATACATAA	TATATCTOCT	ACITITAAAA	ATATATTATT
22/27	AAGATAAAAA	CCAACCCAAC	ACAATTAACT	CCCCCAACAA	TACITITO
2982T	AACAAATGGT	GCTGGAACAA	CIGCAIAGCC	ALAGGAVAA	GALGAGII
59901	AGATCCCCTA	CCTCACACCA	TATAMAMA	IAACICAAA	IGGATTAAAG
59951	ACCTAAGTAT	* AAGCTGAGAC	AAGAAGATTA	CTTGAGGCTT	GGAGTICAAG
60001	ACCAGOCTEG	GCAACATATT	GAGACCTCGT	CTCTTAMAM	AGAAAAAA
60051	TCAGCCGGGC	ATGGCAGTGT	GTACCTGTAT	TCCTAGCTAC	TCAGAAGGCT
60101	GAGGCCAGAG	GATTGCTTGA	GCCCAGGATT	TAGAGGCTGC	AGTGAGCTAT
60151	GATTGCACCA	CTGTACTCCA	GCCTGGGTGA	CAGAGTGAGA	מבוונוכופב
60201	TCCACCCCTC	CTCCACAAAG	TGTAAAGGTA	TAAATGTTTG	TGGCCTTGGA
60251	TTAGGCAATG	GTTTATTAAA	TATGACATTA	AAAGCACAAA	CAACAACAAA
60301	ΑΤΑΓΑΤΙΔΑΤ	TGGACTICAT	CAAAATTAAA	ACCTCTGTGC	TTCAAAGGGC
60351	ACACCAAGAA	ACTICAAAAGA	GAATCCACAC	AATGGGAGAT	AATTTTTTGC
EMM1	AAATCATGTA	TTITACAAGA	CTGGTGTCA	GAATATATAA	AGAACACTTG
CO401	CAACTICATOR	ATAAAAAGAC	AAGTAACACA	TAAAAAT	GTTGAAAGGA
00427	. CONCIONO	CATTITITICA	AACAACACAT	ATAAATCACC	AATGAGCATA
00201	. TIIGAIAG	CTCAACCTCA	TTCCTCATTA	CACAAATCCA	AATAGAAGTC
00227	. IGAAAAIGIA	CICARCICA	IIGGICATIA	CATTCAACAAT	AACAAATCTT
60601	. ALACCIATTA	GGAIGGCIAA	AAIAAAAAA	GAIGAACAAI	AACAAATGTT
60651	. GGCAAGTATC	IGGAAAAATT	AGAACCCICA	IACACIGIGO	ATGGGAATGT
					AGATTTACCA
60751	. Catggcacag	CAATTCTACT	TTTAGGTGTA	TACCCAAGAC	AATTAAAAG
60801	ATATATACAC	GCCGGGGGGG	GTGGCTCAAG	CCTGTAATCC	CAGCACTITG
60851	. GCCAAGGTGG	GTGGATCACG	AGGTCAGGAG	ATCGAGACCA	TOCTGGCTAA
60901	TACAGTGAAA	CCCCATCTCT	ACTAAAAATA	CAAAAAATTA	GCTGGGGGTG
60951	GTGGGGGGG	CCCTGTAGTC	CCAGCTACTC	: GGGAGGCTG4	GGCAGGAGAA
61001	TGTCGTGAAC	: CCGGCAGGCG	GGGCTTGCAG	TGAGCCGAGA	TTGCGCCACT
61051	CCACTICAC	CTGGGCAACA	GAGCGAGACT	CCGTCTCAAA	AMAMAMG
61101	CATATACA	ACAAAAACTT	GTACATAGAT	GTTCATACTA	GTATTCCAAT
التسب					
61151	. ΑΙΑΙΑΙΑΌΑ ΔΑΛΑΤΈΓΕ	TATCACTACAT	GAATGGATAA	GCAAAACTT	GIGTATTAAT

61251 CCAATATIGAA TIGACCACCA ACACAMACCA ATGAGTACT GATACATICAT 61301 AMAGGCCCAC ATAGTACATIG ATTACATTACT AMATGAMACA AMCCAGCCAC 61301 AMAGGCCCAC ATAGTACATIG ATTACATTACT TATACATACTIG CAGAATTAG 61301 ATTACATTACATACATIG ATTACATTAG TATACATTAG 61301 ATTACATACATACATIG ATTACATTAG TATACATTAG 61301 ATTACATCATA AMAGCACAGAA GTACATTAGA CAGGGTTTCT 61451 AGAAMAGTGT TCTGGAATTA CATAATGATG ATAGTTGCACAG GCCTAGGGGA 61501 ATTACACTAGA ACACCACTGAA TIGTATCTTI TAMAAGTTA AATTTTATGA 61501 ATTACACACAA TACCTCCATT AMAATGATA CATGAGAAMA AMATCAAAGG 61601 CAMAATACCA AGATATATTCA AGATATTTA ATTATTATAA TATAATTATGA 61501 ATATACCCAAA TTTGATTTAC TTCTAAAATGT ACTTATTAAA AATTCAACACA 61601 CAMAATACCA AGATATATTCA AGATATTTAA ATTATTTATAA TATAATTATAA 61701 AMAGCAAAAC TGTTTCTAGCA TTCAGGGTTA ACACTATGAT ATTATTTACA 61701 AMAGCAAAAC TGTTTCTAGCA TTCAGCATATATTAGA ATATATTATAA 61701 AMAGCAAAAC TGTTTCACAT ACTTACAAAAT GTTTTATTACA ATATACACAAA 61801 GAATAATTGT ATTGATCAGT ACCTCAGAAAT GTTTTTAGTTTCAAATTGAGATACAAAAA 61801 GAATAATTGT ATTGATCAGT ACCTCAGAAAT GTTTTAGTTTCAAAAT 61801 GAATAATTGT ATTGATCAGT ACCTCAGAAAT 61901 AMAACCAAGA AAATGAACCAT TCAGCACTAT TTGGGAATGA AACCTCACTA 62001 TAATATTTCA CTAACCTAGA ACCTCATGT TTGGGAATGA AACCTCACAA 62001 TAATATTTCA CTAACCTAGA ACCTCATGT TTGGGAATGA AACCTCACAA 62001 TAATATTTCA CTAACCTAGA ACCTCATGT GTTGCACTCA CAGGGGAGGT TTTGGATAAA 62001 TAATATTTCA CTAACCTAGA ACCTCATGT GTTCATCACACAC 62001 TCCATTCCA TCAGGGCACAA AAGCACACAAAAAACAAAAC						
61251 CAATATIGA TIGACCTITGA ANACTATACT ANATGAAGA ANCCAGCACA 61301 ANAGCCCAA TATAGTACTIS ATTACATTIST TATAAATSIT CAGGATTAG 61351 CAATTCCATA ANGCCAGAAA GTACATTAGT AGTIGCCAMG GECTCAGGGA 61401 AGGAGGAATG GSAGTGACTG CTAATGGATA AGTIGCCAMG GECTCAGGGA 61401 AGGAGGAATG GSAGTGACTG CTAATGGATA AGTIGTICA AGGGTTTCT TITTICGGTG 61501 ATTACCTAMG ACACACIGAA TIGATCTTT TAAAAAGTTA AATTTTTAGAG 61501 ATTACCTAMG ACACACIGAA TIGATCTTT TAAAAAGTTA AATTTTTAGAGAGGAAAA AATTCAAAGGAGAGATTTAGAAAAGTTA AATTTTTAGAGAAAAAAGTTA AATACCTAATA 61501 CAAAATACAG AGTATAATTC AAGTATTTTA AATTTTTAAAA TAGTTTAAAAGGATA 61651 TATACCCAAA TITTICATTAAC TITCAAAATG TCTTATTAAAA TAGTTTAAAAGGATA 61791 CAAAATACAG ATTATCACTAAT AGTATTTTA ATTATTTAAA TAGATTAAAAGTATAAAGCAAAA 61791 CAAAATACAGA ATTTTACCTCAT GTTGGGATCA CACAATATGT AATAATTTAAA 61791 AAAACAAAAA CAAATTAGA ACTGCAAAAAT GTTTTGGTTCA AGGTGACGAGAAAA 61791 CAAAAACAAGAA AAAATTAGA ACACCAAAAA GTTTTGGATTCAAGAAAAAAAAAA	61201	AAATGAAATA	TTATCCAGCC	ACAAAAAGCA	ATGAAGTACT	GATACATGAT
61391 CANTICCATA ANGACACAMA GIACATTAGA AGTITECTAGA GIACAGAGAGA GIASTICATA AGACAGAMA GIACATAGA GIACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	61251	CCAATATGGA	TGGACCTTGA	AAACTATACT	AAATGAAAGA	AACCAGCCAC
61391 CAGATCCATA ANGACAGAA GTAGATTAGT AGTITGCAAG GGCTGAGGGG 61401 AGGAGAAGTGT TCTGGAATTA CATAATGATG ACAGGTITCT TTTTIGGGGTG 61551 AGAAAAGTGT TCTGGAATTA CATAATGATG ATAGTTGTAC AACTITGTAC 61501 ATATACTAAG ACACCTGAA TTGTATCTTT TAAAAAGTTA AATTITTATGA 61501 ATATACTAAG AGACCTGAA TTGTATCTTT TAAAAAGTTA AATTITTATGA 61501 CAAAATACAG AGTATAATTC AAGTATTTA AATTITTAAA AATTITTAGA 61651 TATACCCAAA TITIGATTTAC TITCTAAAATG TCTATTAAAA 61701 AAAGCAAAAC GATATAATTC AAGTATTTTA ATTITTAAAT TAGTTAATA 61701 AAAGCAAAAC TGTTCTAGCA TICCAGTGTTT ATTAATTTGC AATACACAAA 61751 CAATACATGT TITTACCTCAT GTTGGGGTTC ACCACTATGTA ATATATTAA 61801 GAATAATGTG ATTIGGTCAGT ACTGCAAAAT GTTTTGGTTC AACGGGTGGT 61851 TGAGTACCAT ACTAATTAGT ACACTAAGAA CTATGAATTG AATACACAAA 61901 AAAACCAAGAA AAATGAACAT TCAGCACTAT TITGGAATGA ACCAGGAAG 61901 AAAACCAAGAA AAATGAACAT TCAGCACTAT TITGGAATGA ACCACTACTAG 61901 AAAACCAAGAA AAATGAACAT TCAGCACTAT TITGGAATTGA TATAATTTAA 61801 GAATAATGTG ATTIGGTCAGT ACTGCAAAAT GTTTTGGTGT ACGGGGAGGA 61901 AAAACCAAGAA AAATGAACAT TCAGCACTAA TITGGAATGA ACCACTACA 61901 TGAAATCACTAA AAGTGACATT CATTGCACTTC AGGGGGAATGA TCTTACACTAAG 61901 TGAAATCACT ACTTGCACTTC AGGGGGAAGACAC CATAACTTTAA 62001 TAATATTTCA CTTAACCTAAG AGCTTCTC CAGGGGGACACA CATAACTTTAA 62101 TGGCAGTTG GTCAAATCCT TTTTTTTTT TTGGAACATCA 62051 CTGATGGTGT ACTTCCTCTGG GGCCACCA AACGCCATTA AGTCTGGAG 62101 TCCATTCTG TCAGTGCTGA GCATCCATGT TGGAACTCCT TTTTTTTTT TGGGAACTAC TCTACACTAC 62251 GTGTTGGTGTTGGCAG GCACCACA AACGCCATTA AGTCTGGAG 62251 GTGTTTGGTTA TGGCAGGTTT TTTCTTTACTT TGGCAGGTT TAGCACTGCAGACACA ATTTTTGAATTACATGAGACACACACATTA 62251 GTGCAGGAGAA TCATACTTCT TAGGCCTTAT TGGAACTACACACACACACACACACACACACACACACACA	61301	AAAAGGCCAC	ATAGTACATG	ATTACATTTG	TATAAAATGT	CCAGAATTAG
61451 AGAAAAGTGT TCTGGAATTA CATAATGATG ATAGTIGTAC AACTITIGTGA 61501 ATATACTAMA ACACACTGAA TTGATCTITT TAAAAAGTA AATTITIAGG 61501 TATGGCAAA THGATTITTA ATTITTAATA ATAGTTATA 61601 CAAAATTACAG AGTATAAATTC AAGTATTTA AATTITTAAAT AATTITAATA 61701 AAAGCAAAC THTGATTTAC ATGTATTTAA TTATTTAAA ATAGTTAATA 61701 AAAGCAAAC TTTTACTCAG TTCAGTGTTTT ATTATATTAC ATGATTATAA 61701 AAAGCAAAC TTTTACTCAG TTCAGTGTTT ATTATATTAC ATGATTATAA 61701 AAAGCAAAC TTTTACTCAG TTCAGTGTTT ATTATATTTAC AATACTCAAA 61801 GAATAATGTG ATTTTACTCAG TGTGGGTCCA CCACATATGT ATATTTAAA 61801 GAATAATGTG ATTTTACTCAG TGTGGGTCCA CCACATATGT AACGCAAA 61801 AAAAGCAACA AAATGAACTAGA ACCTCAGAAT GTTTTGCAGT ACACTAAGAA CTATGGAATTG ACACGAAC 61901 AAAAGCAACA AAATGAACATA ACACTAAGAA CTATGGAATTG ACACGCAGA 61901 AAAAGCAACA AAATGAACATA AGCTCATCTC CTCCAAAATTG ACACTCACA 61901 TAAAATATTCA CTAACCTAAG ACCTCATCAT TTGGAAATCC TCTCACACCA 62001 TAAATATTCA CTAACCTAGA ACTTTCACTC 62001 TAAATATTCA CTAACCTAGA ACTTCAGTC GCTCCAAATCC TCTCACACCA 62001 TAAATATTCA CTAACCTAGA ACTTCAGTC GCTCCAAATCC TCTCACACCA 62001 TAAATATTCA CTAACCTAGA GCTCTCTCT GCTCCAAATCC TCTCACACCA 62001 TAAATATTCA CTACCTCAG GCCACCACA AACGCATCA CCCACCAC 62001 TCAACTATCA ACTTCCTCTG GCCACCACA AACGCATCA CCCACCACC 6201 TCCACGTTG GTCAGTCCTTC GGCCACCAC AACGCATC 62151 GTGGAATTCC TTCAGTCCTGA GCCACCACA AACGCATCA AACGCATTA 62101 TCCACTCTG TTCAGTCCTGA GCCACCACCA CACCCATCA AACGCATC 62211 TCCACTTCTG TCCAGTCCTTC TCCCACACCAC CATAACTTTC 62211 TCCACTCTG TTCAGTCCTGA GCCACCACCA AATCTCTCTTCTTCTTTTTTTTTT	61351	CAATTCCATA	AAGACAGAAA	GTAGATTAGT	AGTTGCCAAG	GGCTGAGGGA
61501 ATATACTAMA ACACACIGAA TIGIATCHTI TAMAMAGTIA ANTITIATEG 61501 CAMAMTACAG AGTATACHTC AMAGTATIA CATGAGAAAA AAATCACAGAT 61501 TATAGCCAAAA THITGATHTIC ATTITAAATT ATAAAGTAT 61501 TATAGCCAAAA THITGACTAT TAMAMTATITA ATTITTAAAT ATAAAGTAT 61701 AMAGCAAAAC TIGITCTAGCA TICAGAGTIT ATTIATHTIC ATAGTITATAT 61701 AMAGCAAAAC TIGITCTAGCA TICAGAGTIT ATTIATHTIC ATAGTITATAT 61701 AMAGCAAAAC TIGITCTAGCA TICAGAGATIT ATTIATHTIC ATAGTITATAT 61701 AMAGCAAAAC TIGITCTAGCA TICAGAGATIT ATTIATHTIC ATACACAAA 61751 CAATANTGAT ACTACATATAGT ACTCCAAAAT GITTTGGTIC AGGGGGCTG 61801 GAACACACACA AAATGACAT TACACACTAAT GITTGGAAATG ACACTACAGA 61901 AAAACCACACA AAATGACAT TACACACCATAT TIGAGAATTA ACACTACACA 61991 TACAAACACACA AAATGACAT TACACACCACAC CATAACACACACACACACACAC	61401	AGGAGGAATG	GGAGTGACTG	CTAATGGGTA	CAGGGTTTCT	TTTTGGGGTG
61501 ATATACTAMA ACACACIGAA TIGIATCHTI TAMAMAGTIA ANTITIATEG 61501 CAMAMTACAG AGTATACHTC AMAGTATIA CATGAGAAAA AAATCACAGAT 61501 TATAGCCAAAA THITGATHTIC ATTITAAATT ATAAAGTAT 61501 TATAGCCAAAA THITGACTAT TAMAMTATITA ATTITTAAAT ATAAAGTAT 61701 AMAGCAAAAC TIGITCTAGCA TICAGAGTIT ATTIATHTIC ATAGTITATAT 61701 AMAGCAAAAC TIGITCTAGCA TICAGAGTIT ATTIATHTIC ATAGTITATAT 61701 AMAGCAAAAC TIGITCTAGCA TICAGAGATIT ATTIATHTIC ATAGTITATAT 61701 AMAGCAAAAC TIGITCTAGCA TICAGAGATIT ATTIATHTIC ATACACAAA 61751 CAATANTGAT ACTACATATAGT ACTCCAAAAT GITTTGGTIC AGGGGGCTG 61801 GAACACACACA AAATGACAT TACACACTAAT GITTGGAAATG ACACTACAGA 61901 AAAACCACACA AAATGACAT TACACACCATAT TIGAGAATTA ACACTACACA 61991 TACAAACACACA AAATGACAT TACACACCACAC CATAACACACACACACACACAC	61451	AGAAAAGTGT	TCTGGAATTA	CATAATGATG	ATAGTTGTAC	AACTTTGTGA
61551 TATIGICAATG ATACCTICATT AMAATAGITA CATGAGAMA AMATCAMAGG 61601 CAMAATACAG AGTATAATIC AMGTATTIA ATTITIAAM ATAAGTATT 61651 TATAGCCAAA THIGATITAC TICTAAAATG TICTTATAAA TAGTITAATA 61701 AAAGCAAAAC TITTICATCATCA GTAGTITTA ATTITIAATA ATAAGTATT 61701 AAAGCAAAAC TITTICATCAT GTTGGGTCCA CCACATATGT ATATITICAC 61801 GAATAATGGG ATTIGGTCAGT ACTGCAAAAT GTTTTAATITGC ATACAGGAAG 61891 TAGAGCAACA ACATGAACAT ACACCAACAC CATGAATIG ACAGGAAG 61901 AAAAGCAACA ACATGAACAT TCAGCACTAT TIGGAAATGA AACCTCACTA 61951 TGCAAGAATT CATTACATTC ATGCCTTCC AGGGGGGGTG 61901 AAAAGCAACA ACATGAACAT TCAGCACCAT TIGGAAATGA AACCTCACTA 61951 TGCAAGAATT CATTACATC ATGCCTTCC AGGGGGGGTG TITTAATATC 62001 TAATATTCAC CTAACCTAAG AGCTTCTCCC 62051 CTAATGCCAG GTCAGTCCT GAGTTTGCC GCTCAAATCC TITCACACCA 62051 CTAATGCCAG GTCAGTCCT GAGTTTGCC GCTCAAATCC TACACCACA 62101 TGCCAGTTGG GTCAGTCCT GAGTTTGCC GTCCAAATCC TACACCACA 62101 TGCCAGTTGG GTCAGTCCT GAGTTTGCC GTCCAAATCC TACACCACA 62101 TGCCAGTTGG GTCAGTCCT GAGTTTGCC GTCCAAATCC TACACCACA 62101 TGCCAGTTGG GTCAGTCCT GAGTTTGCCA GTCCATCACCACC CATAACTTTA 62151 GTGAGAATCC TACACCTAAG ACACCACACA 62151 TGCCAGTTGG GTCAGTCCT GAGTTTAGGG GACTCCACC 62151 CACACCATAC ACCCACATCCAT TAGCACCACA 62251 TTTCATTACTC ACCCCATCCT TAGCACCTAA TATTTTTTTTTT	61501	ATATACTAAG	ACACACTGAA	TIGIATCITT	TAAAAAGTTA	AATTTTATGG
61651 TATAGCCAMA TITGATTITA AGITATTITA ATTITAMAT ATTIAMATAGIATI 61701 AMAGCAMAN TITGATTITAC TITCIAMATAGIATITAMA TAGITITAMA 61751 CAMTANCAGA TITGATCHAGCA TICAGIGITT ATTAATITICA ATAGITITAMA 61801 GAMANATGIG HITTAGICAGT GITGAGICAC CACATATGAT ATTATITICAC 61801 CAMANATGIGA ATTIGGTCAGT ACTECAMAN 61801 GAMANCAMAN AMATGAMACT ACTECAMAN 61891 TAGAMACCAMA AMATGAMACT TITGACCAGT 61891 TAGAMACCAMA AMATGAMACT TICAGCACTAT 61901 AMANCAMACA AMATGAMACT TICAGCACTAT 61901 TAGAMACCAMA AMATGAMACT TICAGCACTAT 61901 TAGAMACCAMA AMATGAMACT TICAGCACTAT 62001 TAGATATTITCA CTAGACCTAMA GACTITCTC AGGGGGAGTG TITGATAMAT 62001 TAGATCAGT GICAGTCTCT GAGTTTGGCA CICCAMATCC TICAGCACA 62051 CTAATCAGT GICAGTCTCT GAGTTTGGCA GIGGACAGC CATAACCTTTA 62010 TIGCAGTTAG GIGAANTCC TITTITGTTT GIGGACATAG AMACAACAGAT 62191 TIGCAGTTAG GIGAANTCC TITTITGTTT GIGGACATAG AMCAACAGAT 62191 TIGCAGTTAG TICAGTCCTG GCCACACCA AMCCACATA ACTICACTGA 62191 TICATTCTG TAGATCCTGTA GCCACACCA AMCCACATA AGCACAGAG 62201 TCTCATTCTG TAGATCCTGTA GCCACACCA AMCCACATA AGCACAGAG 62201 TICAGTTCGA TICCAGTGT TICTCTTAGGT GACTCTGAG GAGTIGTCT 62301 GATCACATCA CACCCATCCT TAGGCCTTAT TITAATTTGA TITTICAGTGT 62301 GATCACATCA CACCCATCCT TAGGCCTTAT TITAATTTGA TITTICAGTGT 62401 TAAACCAGAT GCCAGACACA ATTITICAGAC ACTICTTCAG GAGTIGTCT 62401 TAAACCAGAT GCCAGACACA ATTITICAGCA TATTITTCTC TITCAGTCT 62511 GCTGTTGGA TICCTACTTT TAGGCAGTGA GACACAGATA AMAGATGAGT 62501 GCTGTTGGA TICCTACTTT TICCTAMACT ATTITACTTTTC TICCTAGTCT 62501 GCTGTTGGA TICCTACTTT TICCCAMACT ATTITTCTC TICCAGTTT 62701 TCTTATCTCT TACCTTCTT TAGGCAGTTA TITTAATTTTC CAGGAGGACA ATTITACACT 62501 TACCTTCCT TAGCCCTTT TAGGCAGTTA TAGGTTTTCTT TICCTAGTCT 62701 TCTTATCTCT TAGCCCTTT TAGGCAGTTA TAGGTTTTCT TICCTAGACT 6271 ATTITACCTTG GGTTGATATAT TAGGTTTTTCT TICCAGAGGAT ATTITACAT 6271 ATTITACCTTG GGTTGATATAT TAGGTTTTTCT TICCAGAGGAT ATTITATAGAC 6271 TATTACCTTG GGTTGATATAT TAGGTTTTCT TICCAGAGTT TAGGCAGTT	61551	TATGTGAATG	ATACCTCATT	AAAATAGTTA	CATGAGAAAA	AAATCAAAGG
61651 TATTAGCCAAA THTIGATTTAC TITCTAAAATIS TCTTATATAA TAGTITAAAA 61751 CAATATCATIS THTTACTCAT GTTGGGTCCA 61751 CAATATCATIS THTTACTCAT GTTGGGTCCA 61851 TGGAGATGAT GTTGTGGGTCAT ACTGGAAATT GTTTGGAGTAA 61851 TGGAGACATA ACTGGTTGAT ACTGCAAAAT GTTTTGGAGT 61851 TGGAGACATA ACTGATTAGT ACACTAAGAA CTATGAATTG ACACTAAGAA 61951 TGCAAGAAT CATTGCATTAC ATCCCCCCTAT TITGGAATTG ACACTAAGAA 61951 TGCAAGAATT CATTGCATTAC ATCCCCCCTAT TITGGAATTG AACCTCACTA 62001 TAATATTTCA CTAACCTAAG AGCTTCTCCT AGGGGGAGGT TITGATAAT 62001 TAATATTTCA CTAACCTAAG AGCTTCTCCT AGGGCAGAC CATACCTTAC 62051 CTAATGCAGT GTGAATCCC TTTTTGTTTT GTGGACATAC CATAACCTAC 62051 CTACACCTAG GTGAATCCC TTTTTGTTTT GTGGACATAC CATAACCTAC 62051 CTACATCTAC TACACCTAG ACCTCCATAGA ACCCCACTAA ACCCCATTA AGTCCTTGAT 62191 TGCACAGACT TCACTCCTG GGCACACAC AACCCCATTA AGTCCTGGAGT 62201 TCTCATTCTG TCACTCCTG GCCACACAC AACCCCATTA AGTCCTGGAGT 62201 TCTCATTCTG TCACTCCTG GCCACACCA AACCCCATTA AGTCCTGGAGT 62201 TCTCATTCTG TCACTCCTG GCCACACCA AACCCCATTA AGTCCTGGAGT 62351 CACTACTATTA CTTTAAATTAA ATGCCTGTTA TTTAAATTTGA TTTACATCCG 62351 CACTACCTATA CACCCATCCCT TAGGACCTTAT TATACATCCA GAGTGTTGCT 62451 GGTAGGAGAC ATTTTGAGAC ACATCCTTTCT TTCATTCCTC 62551 CACTACCTATA CACACCTTTC TCAGGCCTGAT GAACCAGAGTA AAACATGAGT 62551 TCATCATCTA TCCCAACTTTT CTCCTAAGCA CACTCCATTCT TTCATGCACT 62551 TCATCATCTA TCCCAACTTTT CTCCTAAGCA CACTCCATTCT TAACCTCCTG 62551 TCACCCTGTG TACCCAGTTT ATGGTTTTC TTGGACAGTT AACACTGAAT 62551 TCATCATCTA TCCCAACTTT ATGGTTTTC TTGGACAGTT AACACTGAACT 62551 TCACCCTGTG TACCCAGTTT ATGGTTTTC TTGGACAGTT AACACTGAACT 62551 TCACCCTGTG TCACCAGTTT ATGGTTTTC TTGGACAGTT ATGATTCTCAAC 62651 TCACCCTGTG TCACCAGTTT ATGGTTTTC TTGCAGCAGT AACACTGCACT 62701 TCTTATCTCT TAACCTCCTG TCAACGAGGA ATTTTTCCTTAACAC 62701 TCTTATCTCT TAACCTCGTG CACTCCATCT TCTTTTCAACACAGTT ATGATTCTCAAC 62851 AACACTTTC ACACCTTGCTC CACTCCATCT TCTTTTCAACACAACT TCTTATTGGAAC 62851 ACCACCTTTC ACACCTACCAC CACCCACCACCACCACCACCACCACCACCACCAC	61601	CAAAATACAG	AGTATAATTC	AAGTATTTTA	ATTTTTAAAT	ATAAAGTATT
61751 CAATATCAIG TITTIACTCAT GITIGGTICA CACACATATIST ATTAATATAA 61751 CAATATCAIG TITTIACTCAT GITIGGTICA CACACATATIST ATTAATATAA 61801 GAATAATGTIG ATTIGGTCAST ACTICAAAAT GITTICGTIT ACGSTIGGTICA 61851 TGAGTACCAT ACTAATTAGT ACACTAAGAA CITTICGTIT ACGSTIGGTIC 61851 TGCAAGAATT CATICCATTIC ATGCCTTICT AGGGGGAGTIG GITGAATTA 62051 TGCAAGAATT CATICCATTIC ATGCCTTICT AGGGGGAGTIG TITGATAAT 62001 TAATATTTCA CTAACCTAAG AGCTTCTICT AGGGGGAAGT TITGAATCA 62051 CTAATCCATTICA CTACACCTAAG AGCTTCTICT AGGGGGAAGT CATACCTTCA 62101 TGCAGTTAG GITCAGTCTCT GAGTTTIGGT AGTGCACAGC CATACCTTCA 62101 TGCAGTTTA ACTTCCTCTG GGCCACACCA AGCCCATTA AGCCTGTA 62151 GIGGAGTTTA ACTTCCTCTG GGCCACACCA AGCCCATTA AGCCTGTA 62201 TCTCATTCTG TCAGTCCTG GCCACACCA AGCCCATTA AGCCTGTA 62201 TCTCATTCTG TCAGTCCTG GCCACACCA AGCCCATTA AGCCTGTA 62201 TCTCATTCTG TCAGTCCTG GCCACACCA AGCCCATTA AGCCTGTG 62301 GATCACATCA CACCCATCCT TAGGCCTTA TGATCATCAG 62301 GATCACATCA CACCCATCCT TAGGCCTTAT TGATCATCAG GAGTGTTGCT 62401 TAAACAGAAT GCCAGGACA ATTTTTACACC CAACTCTTCT 62401 TAAACAGAAT GCCAGGACA ATTTTTACACC CAACTCTTCT 62401 TCAAGTGCAG ACCCATCCTT TAGGCCTTAT 62501 GCTATCTAGA TCCTAATCTTT TCCTAAGCA ATTTTTTCTTCT TCCTAGTCT 62501 GCTATCATCAT CTCAATCTTT TCCTAAGCA ATTTTTTCT TCCTATCTC 6251 TCATCCTCTA ACATCCATCT TCAAGCAGTA ATTTTTCTT TCCTATCTCT 6251 TCATCCATCA ACATCCATCT TCAAGCAGATA ATTTTTCTT TCCTATCATCA 62601 TCCAGGTCCC ACATCCACTT ATGCCTTTTTT TCCTAATCAC ACACCTTTCT TCATTCATCATCA 62601 TCCAGGTCCC ACATCCACTT ATGCTTTTTTTTTTTTT	61651	TATAGCCAAA	TTTGATTTAC	TTCTAAAATG	TCTTATTAAA	TAGTTTAATA
61851 GAATAATGIG ATTIGACICAT GTTGGGTCAC CACATATGI ATATATTAA 61801 GAATAATGIG ATTIGGTCAGT ACTGCAAAAT GTTTTGGTGT ACGGGTGCTG 61851 TGAGTACCAT ACTAATTAGT ACACTAAGAA CTATGAATTIG AACACGAAG 61901 AAAAGCAAGA AAATGACAT TCAGCACTAT TTTGGAATTGA AACCTCACTA 61951 TGCAAGAATT CATTGCATTIC ATGCCTTCIC GAGGAGGTGTTT 62001 TAATATTTCA CTAACCTAAG AGCTTCTCCT GAGGAGGAGGTGTTTTGATAATT 62001 TAATATTTCA CTAACCTAAG AGCTTCTCT GTCCAAATCC TCTACACACA 62051 CTAATGCAGT GTCAGTCTCT GAGGTTTTGGA GTGGCACAGC CATAACTTTA 62101 TGGGAGTTTAG GTGAGTTCCT GAGTTTTGGA GTGGCACAGC CATAACTTTA 62101 TGGGAGTTTAG GTGAGTCCT GAGTTCTGT GTCTAATCC TCTACACACA 62051 TCATCTCTTG TCAGTGCTGA GCATCCATGT GTTCTTTGAT 62151 GTGGAGTTGT ACTTCTCTGG GGCCAGCA AACGCCATA AGCCCATTA 62251 GTGTTTGTGA TTTGGCAGGTT TCAGTCCTGT GTTCTTTGAT 62251 GTGTTTGTGA TTTGGCAGGTT TCAGTCCTGT GTCTTTTGAT 62251 GTGTTTGTGA TTTGGCAGGTT TCAGTCCTGT GTCTTTTGAT 62251 GTGTTTGTGA TTTGGCAGGTT TTTAACTTGT GACTCTTGAG 62351 CACATCTATA CACCCATCCT TAGGCCTTAT TTGAACATGA GAGTGATG 62401 TAAACAGAAT GCCAGAGACA ATTTTGAGAC ACACTCTTCT 62451 GTTAGGAAGA TCAAACATTTC TCCCAAGCT ATTTAATTG TCATCTCT 62551 GTGTTGGGA TCCCAACTCTT TCCCTAAGCT ATTTTTCTC TTCCAGTTAT 62551 TCATCATCTA TCCCAATTTTT TCCCTAAGCT ATTTTTCTC TCCCTAAGCT ATTTTCTCT TCCCTAGCT 62551 TCAGCCCTGTG TACGACGTTT TAGGACAGTA AGACAGAGTA AAAACAGGAT 62551 TCAGCCCTGTG TACGACGTTT TAGGACAGTA AGACAGAGTA AAAACAGGAA 62601 TCCAGGTCCC ACATCCACTG TCAAGGAGA ATTTTCTCT TAAAAAGAGGA 62601 TCCAGGTCCC ACATCCACTG TCAAGAGGAA ATTTTCTCT TAAAAGAGGAA 62601 TCCAGGTCCC ACATCCACTG TCAAGAGGAA ATTTCATCA GAGCACACACACACACACACACACACACACACACACA	61701	AAAGCAAAAC	TGTTCTAGCA	TTCAGTGTTT	ATTAATTTGC	AATACACAAA
61851 TGAGTACCAT ACTANTAGT ACCACAAAT GTTTTGTGT ACGGTGGCTG 61851 TGAGGAACTA ACTANTAGT ACACTAAGAA CTAIGAATTG GAACAGGAAG 61951 AAAAGCAAGA AAATGAACAT TCAGCACTAT TITGGAATTG GAACAGGAAG 61951 TGCAAGAATT CATTCGATTC ATGCCTTCC AGGGGGAGTG TTTGATAAAT 61951 TGCAAGAATT CATTCGATTC ATGCCTTCCT AGGGGGAGTG TTTGATAAAT 62001 TAATATTTCA CTAACCTAAG AGCTTCTTGCT GCTCAAATCC TCACACACA 62051 CTAATGCAGT GTCAGTCTCT GAGTTTGCT GTCAAATCC 62051 CTAATGCAGT GTCAGTCTCT GAGTTTGCA GCACTAATCT 62151 TGGGAGTTGT ACTTCTCTG GGCCAGCACA AACGCCATTA AGTCCTGGAG 62151 TGGGAGTTGT ACTTCTCTG GGCCAGCACA AACGCCATTA AGTCTGTGG 62201 TCTCATTCTG TCAGTGCTGA GCATCACTGT GTTCTTTGAT TTTGGGAGTG 62201 TGCAAGTCA CACCCATCCT TAGGCCTTAT TGATCACACA 62351 CACTACTATA CTTTAAATAG ATGCCTGTTA TGATCACAG TGTACCTTC 62351 CACTACTATA CTTTAAATAG ATGCCCTTAT TGATCACAG TGTACCTTC 62451 GGTAGGAAGA TCAAGATTTC TAGGCCTTAT TTTTTTTTG ATTTTGAGAT 62401 TAAACAGAATT GGCAGGAGCA ATTTTTGAGAC ACATCCTTTTC TTTCAGTTCAC 62551 CACTACTATA TCCTATCTTT CTCCTAAGGAC AACTCCTTTT TTCATGGAC 62551 TCATCATCTA TCCTACTTTTT TCCTAAGGAC AACTCCTATT TCCAGTGAT 62501 CCTGTTGGGA TCCTATCTTT TCCTAAGGACA ATTTTTCATCACAC 62551 TCACCCCTGTG TACGCAGTTT ATGGTTTTTT TTTTTTTTTT	61751	CAATATCATG	TTTTACTCAT	GTTGGGTCCA	CCACATATGT	ATATATTTAA
61851 TGAGGACAGA AATGAACAT TCAGCACTAT TITGAATTIG GAACAGGAGAG 61901 AAAAGCAAGA AAATGAACAT TCAGCACTAT TITGAAATGA AAACCCACAGAGAT CATTIGCATTIC ATGCCTTICT. AGGGGGAGTG TITTGATAAAT 62001 TAATATTICA CTAACCTAAG AGCTTCTGCT GCTCAAATCC TCTAACCACA 62051 CTAATGCAGT GTCAAGTCCT GAGTTTGGCA GTGGCACACC CATAACTTTA 62101 TIGGCAGTTAG GTGAAATCCT GAGTTTGGCA GTGGCACACC CATAACTTTA 62101 TIGGCAGTTAG GTGAAATCCT TTTTTGTTTT GTGGACATAG AACAACAGGAT 62151 GTGGAGTTAG GTGAAATCCT TTTTTGTTTT GTGGACATAG AACAACAGGAT 62151 GTGGAGTTAG GTGAAATCCC TTTTTTTTTTTTTTTTT	61801	GAATAATGTG	ATTIGGTCAGT	ACTGCAAAAT	जााळाडा	ACCGTGGCTG
61901 AAAAGCAGA AAATGACAT TCAGCACTAT TITGAAATTCA AACCTCACTA 61951 TIGCAAGAATT CATTIGCATTC ATGCCTTCTC AGGGGAGTG TITGATAAAT 62001 TAATATTITCA CITAACCTAAG AGCTTCTIGCT GCTCAAATCC TCTACACCAC 62051 CITAATGCAGT GTCAGTCTCT GAGTTTGGCA GTGGCACAGC CATAACTTTA 62101 TIGCAGTTTAG GTGAAATCC TTTTTTTTTT GTGACATAC 62101 TIGCAGTTTAG GTGAAATCC TTTTTTTTTTT GTGACATTA AGTCTTGAG 62201 TCTCATTCTG TCAGTGCTGA GCATCACTGT 62151 GTGGAGTTGT ACTTCTCTGG GGCCAGCACA AACGCCATTA AGTCTGTGAG 62201 TCTCATTCTG TCAGTGCTGA GCATCACTGT GTTCTTTCAT TTGCGAGTGG 62201 GATCACATCA CACCCATCCT TAGGCCTTAT TGATCTACTG GTGCTTGAGT 62301 GATCACATCA CACCCATCCT TAGGCCTTAT TGATCACAGA GTGTGCTTC 62331 CACTACTATA CTTTAAATAG ATGCCTGTTAT TTGATCAGA GTGTCCTC 62351 GTGAGGAAGA TCAAGATTTC TAGGACAGTA AACACCGAT 62401 TAAACAGAAT GCCAGGAGACA ATTTTGAGAC CACTCTTTTT TTCATGCTC 62451 GGTAGGAAGA TCAAGATTTCT TCCTAAGCT ATTTTTTCTT TCTCAGTTAT 62551 TCATCATCTA TCCTCAATTTTT TCCTAAGCA ATTTTTTCTTC TCTCAGTTAT 62551 TCATCACTCTA TCCTCAATTTT TCCTAAGGAA ATTTTAACTTTCTTT TCAGGACTAG 62601 TCCAGGTCCC ACATCCACTG TCAAGGAGGA ATGTAACGATT GACTTCATCAT 62751 ATTACCTTGTG GCTAGGAAT GCTGTTATCA GGACATCATT GAACTGAGAC 62751 ATTACCTTGTG GCTAGAGAAT GCTGTTATCA GGACATCATT GAACTGAGAC 62751 ATTACCTTGTG GCTAGAGAAT GCTGTTATCA GACATCACTT GTTTTATTTTG 62761 TCTTATCTCT TAACTTCTTT CTCTTTTTTTTTTTTT	61851	TGAGTACCAT	ACTAATTAGT	ACACTAAGAA	CTATGAATTG	GAACAGGAAG
61951. TICCAAGATTI CATTICATTICA ATGCCTTICTC AGGGGGAGTG TITIGTAMAT 62001. TAATATITTCA CTAAACCTAAG AGCTICTICT GCTCAAATCC. TCTACACACA 62051. CITAATGCAGT GTCAAGTCCT GAGTTTIGCTG GTGCACAGC. CATAACTITTA 62101. TIGGCAGTTAG GTGAAATCCC. TITTTIGTTTT GTGGACATAG. AACAACAGAT 62151. GTGGAGTTGT ACTICTCTGG GGCCAGCACA AACGCCATTA. AGCTCTGGAG 62201. TCTCATTCTG TCAGTGCTGA GCATCCATGT GTTCTTTGAT TTGCGAGTGT 62251. GTGTTTGTGA TTGCCAGGTT TCTCTTTAGT GACTCTGAAG 62301. GATCACATCA CACCCATCCT TAGGCCTTAT TGATCATCAG TGTACCTTCC 62351. CACTACTATA CTTTAAATAG ATGCCTGTTA TTTAAATTTG ATTTTGCGAT 62401. TAAACAGAAT GCCAGACACA ATTTTGAGAC ACATCTTTCT TTCATGCTCT 62451. GGTAGGAACA TCAGACATTTC TAGGACAGTA GAACAGAGTA AACAGAGTA 62501. GCTGTTGGGA TCCTATCTTT CTCCTAAGCT ATTTTTCTCT TCCAGTGAT 62501. TCATCATCTA TCTCAATTTT TCCTAAGCT ATTTTTCTC TCTCTCAGTAT 62501. TCATCATCTA TCTCAATTTT TCCTAAGCACA 62601. TCCAGGTCCC. ACATCCACTG TCAAGGAGAA ATGTAAGATT GACTTGCAC 62651. TCAGCCTGTG TACCCAGTTT ATGGTTTTTC TTGGGACACA 62751. ATTACCTTGTG CACTCCACTG TCAAGGAGAA ATGTAAGATT GACTTGCAAC 62761. TCTTATCCTCT TAACTTCTTG CTATTCCATA GACAGAGTT AAAAGAGGAG 62751. ATTACCTTGTG GCTAGAGAAT GCTGTTATCAATA GTAAGGATCA 62851. AGGAGGCATT TAACTTCTTG CACTTCTAATA GAACAGAGTT AGATTTTCATCA 62851. AGGAGGCATT TAATTCATCA AGATTAGAAAT CTCCAATTTC 62851. AGGAGGCATT TAATTCATCA AGATTAGAAAT CTCCAATGTT CTCCAAACGT TGATTGAGCA 62951. GACAACTTTA GGAAGGTGTT ACCTTTCATCA AGATTAGAAAT 62901. TGCTTATGTG GGTTGATATG TTTTTAGAAT ATTAAGGCTT GTTTAATTGG 63001. TCTTTTACACA AGTTGGAGGT CCCAAACTTTT GCCAAACGT TTGCTTGTAG 63001. TCTTTTACACA AGTTGGAGGT CCCAAACTTTT GCCAAACGT TTGCTTGTAG 63001. TCTTTTACACA AGTTGGCTG CACAATGTT CCCAAACGT TTCCTTAGTGG 63251. AGGAGGCATT TGATTCACA AGCTTGCTC CACCCTGTTG GACCAACTTTT 63351. AACAGGAGAAT TGATTTCATCA GACCATCTTTTCC 63351. ATTAGCCTTAG CCCATTTTTCACTCAAGGT GACAACTTTT 63351. ATTATCCTGA AGTTTCATCA GACCATCTTTTT 63351. ATTATCCTGA CCCCTTTTGGAC GACCAACTTTT 71TGGGCAAGT TTCCATTTA TTCATCAAGATTAAT ACTTCCTTTAACTCTTAATTTTTAACTTTAACTTTAACTTTAACTTTAACTTTAACTTTAATTTTTT	61901	AAAAGCAAGA	AAATGAACAT	TCAGCACTAT	TTGGAAATGA	AACCTCACTA
62051 CTAATICAGT GICAATICIC GAGTITIGCCA GIGGCACAGC CATAACITTA 62101 TIGGCAGTTAG GIGAAATCCC TITTIGITTT GIGGACATAG AACACAGAT 62151 GIGGAGTTGT ACTICICTGG GGCCAGCAA AACGCCATTA AGTICTIGAG 62201 TICTCATICIG TCAGTGCTGA GCATCCATGT GITCTTTGAT TITGCAGTGTG 62251 GATCACATCA CACCCATCCT TAGGCCTTAT GATCATCAG GAGTIGTIGCT 62301 GATCACATCA CACCCATCCT TAGGCCTTAT TGATCATCAG TGTACCTTCC 62351 CACTACATATA CTTTAAATAG ATGCCCTTAT TGATCATCAG TGTACCTTCC 62351 CACTACATATA CTTTAAATAG ATGCCCTTAT TTAAATAG ATTTTGAGAC 62401 TAAACAGAAT GCACAGACAA ATTTTGAGAC ACATCTTTCT TITCATGCTC 62451 GGTAGGAACA TCAGACTTTC TAGGACAGTA GAACAGAGTA AAAGATGAGT 62501 GCTGTTGGGA TCCTACTTTT CTCCTAACCT ATTTTTCTC TCTCAGTAT 62551 TCATCATCTA TCTCAATTTT TCCTAACAGAGAGA ATGTAAGATT 62551 TCAGCCTGTG TAACCACTTTT GCACAGAGAGA ATGTAAGAT 62561 TCCAGGTCCC ACATCCACTG TCAAGGAGAA ATGTAAGAT GACTTCCACAG 62661 TCCAGGTCCC ACATCCACTG TCAAGGAGAA ATGTAAGATT 62701 TCTTATCTCT TAACTTCTTG CTATTCAATA GTAAGAGTAT GACTTGCAAC 62651 ATTACCTGTG CCTAGAGAAT GCTGTTATCA GACAGAGTAT ATAAACAGGAG 62601 TACTTAGAAC AGAAGGTGTC ACCTATTTGA CAGGCCAACA ATTATGAGAC 62851 ACACACCTTT TCATACTTCTC AACTTACATA GAACAGAGTT GTTTAATTTCG 62861 ACACACTTTA GGAAGGTGTC ACCTATTTGA CAGGCCAACA ATTATGAGAC 62901 TGTCTATGGG GCTAGAGAAT GTTTTTAGAAAT CTCCCAAAGGT TTCCTTGTAG 62901 TGTCTATGGG GGTGATATG TTTTTAGAAT ATTAAGGCTT GGTGGAAAC 62901 TGTCTATGGG GGTGATATG TTTTTAGAAT ATTAAGGCTT GTTTGTGGA 63001 TCTTTACACAA ACTTGGGGT CTCCGTGTGGA ACAGTGGTGT ACAGTGGGAC 63001 TCTTTACACAA ACTTGGGGT TCCCCTTCCTC CACCCTGTGT CTCCAAATGT CTCCAATGT CTCCAAATGT CTCCAAATGT CTCCAAATGT CTCCAAATGT CTCCCAAATGT CTCCCAATTCAACACACACACACACACACACACACACA	61951	TGCAAGAATT	CATTGCATTC	ATGCCTTCTC	AGGGGGAGTG	TITGATAAAT
62101 TIGGAGITIGI ACTITCTITIGI GECAGCACA AACGCATTA AGTICTIGAGE 62201 TICTCATICTIG TICAGTICTIGA GCCAGCACA AACGCCATTA AGTICTIGAGE 62201 TICTCATICTIG TICAGTICTIGA GCATCCATGT GTICTTTIGAT TITGCGAGIT 62201 GATCACATCA CACCCATCCT TAGGCCTTAT GATCATCAG GAGTGTIGCT 62301 GATCACATCA CACCCATCCT TAGGCCTTAT TGATCATCAG GAGTGTIGCT 62301 GATCACATCA CACCCATCCT TAGGCCTTAT TGATCATCAG GAGTGTIGCT 62401 TAAACAGAAT GCCAGAGACA ATTITGAGAC ACATCTITCT TITCAGAT 62401 TAAACAGAAT GCCAGAGACA ATTITGAGAC ACATCTITCT TICAGCTT 62501 GCTGTTIGGAA TCCATACTTT CTCCTAAGCT ATTITTTCTC TCTCAGTTAT 62501 CCCAGGTGCC ACATCCACCTG TCAAGGAGAGA AACAGAGTA AAAAGATGAGT 62601 TCCAGGTCCC ACATCCACCTG TCAAGGAGAGA ATTITCTC TGCTAGAC 62601 TCCAGGTCCC ACATCCACCTG TCAAGGAGAGA ATTITCTCT TAGACTAGCA 62601 TCCAGGTCCC ACATCCACCAGT CCAAGGAGGA ATTITCATCA GACTGTATACCTTG GCAGGAGAGA 62701 TCTTATCCTCT TAACTCTTTC CTATTCATCA GACCACTCTTT GTTTAATTGA 62801 TACTTAGAC AGAAGGTTT ATGGTTTTCC TTATCATCA GACCACTCTTT GTTTAATTGG 62801 TACTTAGACA AGAAGGATGTC ACCTATTTTAA GAGCACACTT TATTTATTGAGAC 62901 TGCTCATAGTGT GGATGAGAAT GTTGTTATCA GAGCACCTTTT GTTTAATTGGCA 62901 TGCTCATAGTGT GGATGAGAATA GTTTGATTCA GAGCACCTTTT GTTTAATTGGCA 62901 TGCTCATAGTGT GGATGAGATAT TTTTATCAGAA ATTAAGACCT GTTTTGGCAG 63051 ATGTATGTTG GGTTGATATGATTCA AGATGAGAAT CTGCCTGTTA GGTGGAACA 63051 ATGTATGCCC GCCTTTGGGA GCCCACCAACA ATTATGGCA 63051 ATGTATGCCC ACACCTGGC CCACACTGTTT GCCCACAGGTT CTTTATGGCA 63051 ATGTATGCCC ACCCTTTGGGA GCCCACCACA ATTATGGCA 63051 ATGTATGCCCA CCAGCCTGCC CAACATGGTG ACACCTGTTT CTTTATGGAA 63151 ACAAGGAGAA TAAGAATACT TCATCAGCC CAGCGTGGT ACCTCAGGT 63201 TGTAATCCCA CCCTTTGGGA GGCCACCACA GTTATGGAC 63301 TTTATGCCTAC CCCCCCCCACCACCACCACCACCACCACCACCACCAC	62001	TAATATTTCA	CTAACCTAAG	AGCTTCTGCT	GCTCAAATCC	TCTACACACA
62151 GIGGAGTIGT ACTICITCIGS GSCCAGCACA AAGSCCATTA AGTICIGIGAG 62201 TCTCATTICIG TCAGTIGCIGA GCATCCATGT GTICTITIGAT TIGGGAGTIGT 62201 GGTTHIGTA TIGGCAGGTT TCICTTAGGT GACTICTAGA GAGTGTTGCT 62301 GATCACATCA CACCCATCCT TAGGCCTTAT TGATCATCAG GAGTGTTGCT 62351 CACTACTATA CATTAAATAG ATGCCTGTTA TITAAATTIG ATTITIGAGGT 62401 TAAACAGAAT GGCAGAGACA ATTITIGAGAC ACATCTTTCT TICATGCTCC 62451 GATAGGAAGA TCAAGATTIC TAGGACAGTA GAACAGGTA AAGAGTAGAT 62501 GCTGTTGGGA TCCTATCTTT CTCCTAAGCT ATTITITCTC TCTCAGTAT 62501 CCTGGTTGGGA TCCTATCTTT CTCCTAAGCT ATTITITCTC TCTCAGTAGT 62501 TCCAGGTCC ACATCCACTG TCAAGGAGGA AIGTAAGATT GACTTGCAAC 62601 TCCAGGCTGTG TACGCAGTT TCAGGAGGA AIGTAAGATT GACTTGCAAC 62651 TCAGCCTGTG TACGCAGTT TAGGTTTTTT TTGTCAGCT TTAATGTCTCT 62701 TCTTATCTCT TAACTTCTTG CTATTCATA GAACAGAACA	62051	CTAATGCAGT	GTCAGTCTCT	GAGTTTGGCA	GTGGCACAGC	CATAACTTTA
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62301. GATICACATICA CACCCATICCT TAGGCCTIAT TIGATCATCAG TIGTACCTTCC 62351. CACTACTATA CTITAAATAG ATGCCTIGTTA TITTAAATTTIG ATTITTGAGAT 62401. TAAACAGAAT GGCAGAGACA ATTITTGAGAC ACATCTITICT TICATGCTCT 62451. GGTAGGAAGA TCAAGATTTIC TAGGACCAGTA GAACAGAGTA AAAGATGAGT 62551. TCATCATCTA TCTCCATTTIT CTCCTAATGCA CTCTTTCATTA TAAAAGAGGA 62561. TCAGGCTGCC ACATCCACTG TCAAGGAGGA ATGTAAGATT GACTTGCAAC 62651. TCAGGCTGTG TAGGCAGTTT ATGGTTTTTC TTTTCATTA TAAAAGAGGA 62601. TCCAGGTCCC ACATCCACTG TCAAGGAGGA ATGTAAGATT GACTTGCAAC 62651. TCAGGCTGTG TAGGCAGTTT ATGGTTTTTC TTTTCATTA TAAAAGAGGA 62651. TCAGGCTGTG TAGGCAGTTT ATGGTTTTTC TTTTCATTA GACCAGGTT TAATGTTCT 62701. TCTTATCCTCT TAACCTTCTTG CTATTCCAATA GTAAGTAACT CCCTGGCAGA 62751. ATTACCTGTG GCTAGAGAAT GCTGTTATCA GAGGCACACA ATTATGAGCA 62851. AGGAGGCATT TGATTCATCA AGATAGAAAT CTCCCAAAGAT TTGCTGTGTGG 62851. AGGAGGCATT TGATTCATCA AGATAGAAAT CTCCCAAAGAT TTGCTGTGAGAACA 62901. TGTCTATGTG GGTTGATATG TTTTTTAGAAT ATTAAGGCTT GTTTGTGCAT 62901. TGTCTATGTG GGTTGATATG TTTTTTAGAAT ATTAAGGCTT GTTTGTGGAACA 62901. TGTCTATGTG GGTTGATATG TTTTTTAGAAT ATTAAGGCTT GTTTGTGGAACA 63051. ATGTATCAGA AGTTGGGCTG CTCCTGGTGG ACAGTGTGTA ACAGTGAACA 63051. ATGTATCCTC TAGACTGGGT TCCCTTCCTC CACCCCTGTGT CTTTATGGACA 63051. ATGTATCCCA ACACTTGTT CCCTTCCTC CACCCCTGTGT CTTTATGGACA 63101. TTGGGGCAGAGT TGTTTAACCA ACCACTTTTT CACCCAAGGT TTCCTTTAC 63201. TGTATCTCCA GCCTTTGGGA GCGGAGGTG GGTGGATCAC CTGAGGTCAG 63201. TGTATCTTGA GCCTCCATT TCAATCCAGG CAAGAGCTG GGTGGATCAC CTGAGGTCAG 63351. AAAAAGAAGAA TAAGAATACT TCAATCCAGG CAAGAGTGT GACTCACGCC 63301. TATTACCTTA GCCTTCCATT TCAATCCAGG CAACATCGTT CCTCTTTAC 63501. AAAGCAGCCT ATTTCAGTCA GGACCACTC TCTCTTTAC 63501. TAAAAAGGAAT CATTCATTCA GCCTCCATT TCATTCTTAC 63501. ATGTTACTTAG TTCTAGGTCA GCAAAACCA GTTATGAACA TAAGAATTCCT 63501. AAAGCAGCCT ATTTCAGTCA GCAAAACCA GTTATGAACA TAAGAATTCCT 63501. ATGACTACAT TCATTCAGTCA GCAAAACCA GTTATGATT TCATCCATTG 63501. TTAAAAGGAT TAAGATTTCCA GCACTCCCC CACCCCACTC AGGAGAAACT 63501. TTAAAAGGAT TAAGATTTCCA GCACATCCT TTTTTTTCCTAA AATTAATTTT TAATCCTCAATTCT 63501. TCAACTATAGA T	62201	TCTCATTCTG	TCAGTGCTGA	GCATCCATGT	GTICTTIGAT	TTGCGAGTGT
62351 CACTACTATA CITTIANATAG ATGCCTGTTA TITTANATTIG ATTTTGAGAT 62401 TANACAGNAT GGCAGAGACA ATTTTGAGAC ACATCHTICT TICATGCTCT 62451 GGTAGGAAGA TCAAGATTIC TAGGACAGTA GAACAGAGTA ANAGATGAGT 62501 GCTGTTGGGA TCCTATCTTT CTCCTAAGCT ATTTTTCTC TCTCAGTAT 62551 TCATCATCAT TCCAATTTT TCCTAAGCA CITCTCTATA TAAAGAGGA 62601 TCCAGGTGCC ACATCCACTG TCAAGGAGGA ATGTAAGATT GACTTGCAAC 62651 TCAGCCTGTG TACCCAGTT TAGGACAGAGA ATGTAAGATT GACTTGCAAC 62651 TCAGCCTGTG TACCCAGTT TAGGACATA GTAAGTAACT CCCTGGCAGA 62751 ATTACCTTGTG GCTAGAGAAT GCTGTTATCA GAGCAACAT TAATGTTCTT 62701 TCTTATCTCT TAACTTCTTG CTATTCAATA GTAAGTAACT CCCTGGCAGA 62751 ATTACCTTGTG GCTAGAGAAT GCTGTTATCA GAGCACAAC ATTATGAGCA 62851 AGGACGCATT TGATTCATCA ACATAGAAAT CTGCCTGTTA GGTGGAAACA 62851 AGGACGCATT TGATTCATCA ACATAGAAAT CTGCCTGTTA GGTGGAACA 62951 GACAACTTTA GGAAGGTGTA CTCCAAAATGT CTCCAAAGGT TTGTTGGAC 62951 GACAACTTTA GGAAGGTGTA CTCCAAAATGT CTCCAAAGGT TTGTTGGAC 63001 TCTTTACAGA AGTTGGGCTG CTCCTGGTGG ACAGTGTTA ACAGTGAACA 63051 ATGTATGCCT TAGACTGGGT TCCCTTCCTC CACCCTGTGT CTTGTGGAC 63101 TTGGGCAAGT TGTTTAACCA ACCACCTTTT CCCCAACGT CTCTTTTTTTTTT	62251	GIGITIGIGA	TTGGCAGGTT	TCTCTTACGT	GACTICTIGAAG	GAGTGTTGCT
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63351 AAAGCAGCCT ATTICAGTCA GGACCCTTCT TCTCTAGTTT CCTCTGTAGC 63401 TATTACCTTA GCCTTCCATT TCATTCTICA CACTACAGAT ACTCTCATTG 63451 ATAAAGGAAT GATGTCTTTA TGCTTTCAAG CATTCTGGCA AGTTAGTAAT 63501 TCAACTATGA TTCTAGGTCA GACAAAACCA GTTATGAACA TAAGACTGTT 63551 TTTAATCTCC TCCCTGGTCC CCCAACCACC CACCCCAATC AGGAGAAACT 63601 ATGTTCTGCA TTGGTTTAAG GAACCCGCTT CTTTCTTTGA TACCTGACCT 63651 ACAGATCCAA TCTATTCCCA GGAATTTTGA TAAGAATTCT CAAATCCTCA 63701 GCAAGGCTAT GCCACTGTCA TGACTCTCCT ATTCCTGGTA GTGTCATTCT 63751 CAGTGTAGGC TGTTTGATAG GTAGTTTTGT GAAGTCTTGT TCATCATAAT 63801 GGATCATATG ATTTTTAAAA GCAGGACCTG GGTCATATGC CCAGATTAAT 63801 CAAAGTTTTA TATGCATACA GTATAAAATA TCAGATTTCT ATAAGGCTTA 63901 CAAAGTTTTA TATGCATACA GTATAAAATA TCAGATTTCT ATAAGGCTTA 63951 TAATAAAGAG TAGCATTCCT CTGCCCTATT CCCCCTCCAT ACTGGGGCACCC 64001 TTACTCCAAA ATCAACTGCT TTCAGCTCTT TTAGCCATTT CTTATGGTTA 64051 TCTTCATATT TCAAAACAGC ATGCTTATAT GGGTTGTATTT TGAATTTTCA 64101 AACTTAGATT TTTATCTACA GACTTCCTTA TTGGAAGATAA ATATTTAACT 64201 TTTTTGGTTAA ATCAATTAAA AGCCAGTATA GTATAGTGC TTAAGAGTGA 64201 TTTTTGGTTAA ATCAATTAAA AGCCAGTATA GTATAGTGC TTAAGAGTGA 64301 TGAGCAAGCT TTAAAACGTC AGGCTCACCA CCCATTACTT TGGGTAGATA 64301 TGAGCAAGCT TTAAAACGTC AGTGTCTCAG TTTTTTGTCAAC TTGGGTGGATT 64351 CCTCATAGAA TTGCTGTTTG TATTAAGTGA CTTAATCCCTA TGGGCTGAAT 64351 CCTCATAGAA TTGCTGTTTG TATTAAGTGA CTTAATCCCTA TGGGCTGAAT 64351 AGGAAGTGGG ACCTTTCAGA GTTGAATAGG CTATGAGGC TCTGCCTTCA	63301	TTATGCTGGC	CTGATATTGA	TOGTOCATGG	TAGAATTGAT	ACTGCTTGAC
63401 TATTACCITA GOCTICCATT TCATTCTICA CACTACAGAT ACTICICATIG 63451 ATAAAGGAAT GATGICITTA TGCITICAAG CATICIGGCA AGTTAGTAAT 63501 TCAACTATGA TTCTAGGTCA GACAAAACCA GITATGAACA TAAGACIGIT 63551 TITAATCTICC TCCCTGGTCC CCCAACCACC CACCCCAATC AGGAGAAACT 63601 ATGITCTGCA TTGGTTTAAG GAACCCGCTT CTTTCTTTGA TACCTGACCT 63651 ACAGATCCAA TCTATTCCCA GGAATTTTGA TAAGAATTCT CAAATCCTCA 63701 GCAAGGCTAT GCCACTGTCA TGACTCTCCT ATTCCTGGTA GTGTCATTCT 63751 CAGTGTAGGC TGTTTGATAG GTAGTTTTGT GAAGTCTTGT TCATCATAAT 63801 GGATCATATG ATTTTTAAAA GCAGGACCTG GGTCATATGC CCAGATTAAT 63801 GGATCATATG ATTTTTAAAA GCAGGACCTG GGTCATATGC CCAGATTAAT 63851 TTCAACAAAG TTGGTATGTT TTCTTCCTAA AATTAATTTT TTATGATTAT 63901 CAAAGTTTTA TATGCATACA GTATAAAATA TCAGATTTCT ATAAGGCTTA 63951 TAATAAAGAG TAGCATTCCT CTGCCCTATT CCCCCTCCAT ACTGGGCACCC 64001 TTACTCCAAA ATCAACTGCT TTCAGCTCTT TTAGCCATTT CTTATGGTTA 64051 TCTTCATATT TCAAAACAGC ATGCTTATAT GGTTGTATTT TGAATTTTCA 64101 AACTTAGATT TTTATCTACA GACTTCCTTA TTGGAAGATAA ATATTTAACT 64151 CTTTTTGTCA ATCACTTAAA AGCCAGTATA GTATAGTGGC TTAAGAGTGA 64251 GGGTGCTCAC CTCAAATTCC AGCCTCACCA CCCATTACTT TGTGTGACTT 64351 CCTCATAGAA TTGCTGTTGA TATTAAGTGA CTTAATCCCTA TGGGCTGAAT 64351 CCTCATAGAA TTGCTGTTGA TATTAAGTGA CTTAATCCCTA TGGGCTGAAT 64451 AAGAAGTGGG ACCTTTCAGA GTTGAATAGG CTATGAGGGC TCTGCCTTCA	63351	AAAGCAGCCT	ATTTCAGTCA	GGACCCTTCT	TCTCTAGTTT	CCTCTGTAGC
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63601 ATGITICIGCA TIGGITTAAG GAACCOGCIT CITTICITIGA TACCIGACCT 63651 ACAGATICAA TICTATICCA GGAATITIGA TAAGAATICT CAAATICCICA 63701 GCAAGGCTAT GCCACIGICA TGACICICCT ATTICCIGGIA GIGTCATICT 63751 CAGTGTAGGC TGTTTGATAG GTAGTTTIGT GAAGTCTIGT TCATCATAAT 63801 GGATCATAGT ATTITTAAAA GCAGGACCTG GGTCATAGC CAGATTAAT 63901 CAAAGTTTTA TATGCATACA GTATAAAATA TCAGATTTCT ATTAGGCTTA 63951 TAATAAAGAG TAGCATTCCT CIGCCCTATT CCCCCTCTCAT ACTGGGCACC 64001 TTACTCCAAA ATCAACTGCT TTCAGCTCTT TTAGCCATTT CTTATGGTTA 64051 TCTTCATATT TCAAAACAGC ATGCTTATAT GGTTGTATTT TGAATTTTCA 64101 AACTTAGATT TTTATCTACA GACTTCCTTA TGGAAGATAA ATATTTAACT 64151 CITTTTGGCTAA ATCAACTGCA GACTTCCTTA TGGAAGATAA ATATTTAACT 64201 TTTTGGTTAA ATCAATTAAA AGCCAGTATA GTATAGTGGC TTTAAGAGTGA 64251 GGGTGCTCAC CTCAAATTCC AGCCTCACCA CCCATTACTT TGGATGGATA 64301 TGAGCAAGCT TTAAAACGTC AGTGTCCAGC TTTTGGTCAACT TGGAGGATAA 64351 CCTCATAGAA TTGCTGTTGA TATTAAGTGA CTTAATCCCTA TGGGCTGAAT 66451 AGGAAGTGGA ACCTTTCAGA TTGGGAAACT TAATCCCCAG TGCGTGGAT 66451 AAGAAGTGGG ACCTTTCAGA GTTGAAACAGC CTATGAGGGC TCTGCCTTCA	63501	TCAACTATGA	TTCTAGGTCA	GACAAAACCA	GTTATGAACA	TAAGACTGTT
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63701 GCAAGGCTAT GCCACTGTCA TGACTCTCCT ATTCCTGGTA GTGTCATTCT 63751 CAGTGTAGGC TGTTTGATAG GTAGTTTTGT GAAGTCTTGT TCATCATAAT 63801 GGATCATATG ATTTTTAAAA GCAGGACCTG GGTCATATGC CCAGATTAAT 63851 TTCAACAAAG TTGGTATGTT TTCTTCCTAA AATTAATTTT TTATGATTAT 63901 CAAAGTTTTA TATGCATACA GTATAAAATA TCAGATTTCT ATAAGGCTTA 63951 TAATAAAGAG TAGCATTCCT CTGCCCTATT CCCCTCTCAT ACTGGGCACC 64001 TTACTCCAAA ATCAACTGCT TTCAGCTCTT TTAGCCATTT CTTATGGTTA 64051 TCTTCATATT TCAAAACAGC ATGCTTATAT GGTTGTATTT TGAATTTTCA 64101 AACTTAGATT TTTATCTCACA GACTTCCTTT ATGGAAGATAA ATATTTAACT 64151 CTTTTTTGTTAA ATCAATTAAA AGCCAGTATA GTATAGTGGC TTAAGAGTGA 64251 GGGTGCTCAC CTCAAATTCC AGCCTCACCA CCCATTACTT TGTGTGACTT 64301 TGAGCAAGCT TTAAAACGTC AGTGTCTCAG TTTTTGTCAAC TGAGTAGATA 64351 CCTCATAGAA TTGCTGTTGA TATTAAGTGA CTTAATCCCTA TGGGCGTGAAT 64401 TTGTCTCCCA AAGTTCATTT GTTGGAAACT TAATCCCCAG TGCATGTGTT 64451 AAGAAGTGCG ACCTTTCAGA GTTGAATAGG CTATGAGGGC TCTGCCTTCA	63601	ATGITICIGCA	TIGGTITAAG	GAACCCGCTT	CITICITIGA	IACCIGACCI
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63801 GGATCATATG ATTITTAAAA GCAGGACCTG GGTCATATGC CCAGATTAAT 63851 TICAACAAAG TIGGTATGTT TICTICCTAA AATTAATTIT TIATGATTAT 63901 CAAAGTTITA TATGCATACA GTATAAAATA TCAGATTICT ATAAGGCTTA 63951 TAATAAAGAG TAGCATTOCT CTGCCCTATT CCCCTCTCAT ACTGGGCACC 64001 TIACTCCAAA ATCAACTGCT TICAGCTCTT TIAGCCATTT CTTATGGTTA 64051 TCTTCATATT TCAAAACAGC ATGCTTATAT GGTTGTATTT TGAATTITCA 64101 AACTTAGATT TITATCTACA GACTTCCTTA TGGAAGATAA ATATTTAACT 64151 CTTTTTTGTTAA ATCAATTAAA AGCCAGTATA GTATAGTGGC TITAAGAGTGA 64251 GGGTGCTCAC CTCAAATTCC AGCCTCACA CCCATTACTT TGTGTGACTT 64301 TGAGCAAGCT TTAAAACGTC AGTGTCTCAG TTTTTGTCAAC TGAGTAGATA 64351 CCTCATAGAA TTGCTGTTGA TATTAAGTGA CTTAATCCCTA TGGGGCTGAAT 64451 AAGAAGTGCG ACCTTTCAGA GTTGAATAGG CTATGAGGGC TCTGCCTTCA						
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64101 AACTTAGATT TTTATCTACA GACTTCCTTA TIGGAGATAA ATATTTAACT 64151 CITTTTIGIC TACTCCTTTT CTCATCTCTT AATGTAGGCT ATGTTAAAAT 64201 TTTTIGGTTAA ATCAATTAAA AGCCAGTATA GTATAGTIGGC TTAAGAGTGA 64251 GGGTGCTCAC CTCAAATTCC AGCCTCACCA CCCATTACTT TIGTIGGACTT 64301 TIGAGCAAGCT TTAAAAACGTC AGTIGTCTCAG TTTTIGTCAAC TIGAGTAGATA 64351 CCTCATAGAA TTGCTGTTIGA TATTAAGTGA CTTAATCCTA TIGGGCTGAAT 64401 TTGTCTCCCA AAGTTCATTT GTTGGAAACT TAATCCCCAG TIGCATGTGTT 64451 AAGAAGTGGG ACCTTTCAGA GTTGAATAGG CTATGAGGGC TCTGCCTTCA	64051	TCTTCATATT	TCAAAACAGC	ATGCTTATAT	GGTTGTATTT	TGAATTITCA
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65051 ACCAAAGGCC TCAATCAGAC AGATTCTCTT TCCCAGGAGT AGACAC	IGAG
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65151 TAGCAGCCAG GGAATTAAGG AGTTTCCCTG TGGCAAGTCT CTACTO	TAC
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65201 AAIATIAGA CAGCIGTTT TTAATTIGT ICIGIGGIG CAIATT	74
65251 ATCTCCACAA CATAACTACT TACTCACTGT GTTGCTTTTT GAAATT	AIA
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65351 GTTAAAATTC TTTGCTCCTT TTAGGACACT TCCATCCATC TGGTGA	CTC
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65501 ATGAGAAACT TTTGAAAGAG AATTTAATGT ACAGTAACTA TTTTTT	I.C.I
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66251 TGGATACCCC TCCTAAGTTG TCCCACAACA CACAGTACAC ACCTTG	3103
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66351 GTTTCTTGAG ATTAGGGACC TGAGATCCCC AGTGCCCAGC AGAGCA	GGAC
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66651 GGCAGCTCCA TGAAGACAGG GATTAGTGTC TGTTTTGTTC ACTGCT	जाा
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66801 TITICTTICAA ATATTAATCC TTAGCTCCAT TCTGTTCAAT ATTTTT	
66851 GAGATAACCT TTAAAAATCT TCCTTGTCAC ATAAGAGTTA ATTCCA	TGAA
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66951 CAGGGITATT TCATTGTGAG AGAGTATAGA AATGGTTGAT AGTATG	CTGT
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68951 AGTAATGTTG GCATTGGCCT TATAGTGGAG GTAATAATGG ATTTTATCAG
69001 GCAGTTTCTT TAAGCATCTC TTGATGAAAG ATGAGGCTAT GACATCAAGA
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69151 CTGGCCAACA TGGAAACCTC GTCTCTACTG AAAATACAAA AATCAGAAAC
69201 CCTGTCTTTA CTAAAAATAC AAAAATTAGC TGGGCGTGGT GGCAGTGCCT
69251 GCAATCTCAG CTACTTGGGA GGCTGAGGCA GGAGAATTGC TTGAACCCAG
69301 TAGGTGGAGG TTGCAGTGAA CTGAAATCAC ACCACTGCAC TCCAGCTTGG
69351 GTGACAGAAC AAGACTOCAT CTCAAAAAAA AAAAAAAAA AAAAAGACAA
69401 TTCTGAAAGT GGTGAGTOGT TCTACCAGGG GCCAGGATGA TCTCATCTGG
69451 GTTATGGATT CTAGGTCTGG OCTCATCTAA GGTGACACAC AGAGGGTACA
69501 CCGCACAATC TTCCTATCTT CTTTAAATAT CACTGCTTTC AACAGGACTT
69551 TTTTTTTTT TTTTTGAAAC AGGATCTTGC OCTGCCCTGT CACCCAGGTT
69601 GGAGGGCAGT GGCATGATCA TGGCTCACTG CAGCCTTGAC CTCCCAGCTC
69651 AGCCTTCTGA GTAGCTGGGA CAACAGGTGC ATGCCACCGT GACTGGCTAA
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69751 AGATTGTCCA GGCTGGTCTC AAACTCCTGG CCTCAAGCAG CTCTCCAGTC
69801 TTTGCCTCTC AAAGTGTTGG GATTACAGAC GTGAGCCACC ACGCCTGGCC
69851 CAAAAAACAT AATAATGTGG TTATTCGAAG AAGTGATTTC CTCTCAAAAC
69851 CAAAAAACAI AAIAAIGIGG HAIIGGAAG AAGIGATTIC CICICAAAACTAC
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69951 GAAGTTOCCA GATTTTTCAT TGCTGTAAAG AAAGATTATA GACAAGCAAG
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70051 TATGTAAGTA TGCTCAGCAT GAATTTATGT TTAGCTTAAT GTAGATACAG
70101 ATGGITACAT GTGGAAAGTA TTTATAGCTA TGCATAGATA GGTTGGTATA
70151 TGTACATGTA TTTTCTACCT CCTTTGGCTA AGAGGGGGGA GAAGCCATGA
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70251 ACTATICTCC AGTAAAAACA ACCAGGGCTC CTTGCAGAAA GGGCTGATGA
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70451 AGAAGTATTT GAATTTAAAT CAGAGTATAA AATAAATATC TACGAGTCCA
70501 TAATGATATA AACAAGTGAT TGAATAAATA AATAAATGTG GGAGACTAGA
70551 CAAATCCCCC ATGCAGAAGA ATTCCAAGTA ATTTATGTAG GTAAATACTT
70601 CACTGTCAAA GAGGCAGAGC ATAATTAATT CCCCACTCCT GTAAGTGTGG
70651 GCTGCTTAGT GACTTCCTTC CAGGAGTGCA GTATAAATAG GGAAAAGAAG
70701 ACAACTTCAC AGTGGAGGAA TCTGGCAAAC TCTGTCCCAC CCAGATGATC
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70901 GAGGGACATG CTACTTAATT CCTGAAAAGT ACTCCTCAAT GCTGTCAAGG
70951 TCATCTGAAA CAAGAAAAGT CTGGCAAACT GTCACAGTCA AGAGGAGACT
71001 AAGGAGATAT GACGACTAAA TATAATGTGG TATCTTGTAT GGGATCTTGG
71051 AATAGAAAAA GGATATTAGT TAAAACTGAG GAAATCTGAG TAAAATATAG
71101 ATGTTIGITA CTAATAATGT ATCAATAGTA GITCATTAAT TGTGACAAAT
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71151 CTAACATACT ATCGTAACAT GTTAATAATA GACCAAACTG CATGTGACCT
71151 GTAACATACT ATCGTAAGAT GTTAATAATA GAGGAAACTG GATGTGAGGT
71151 GTAACATACT ATOGTAAGAT GTTAATAATA GAGGAAACTG GATGTGAGGT 71201 ATATGGGCAC TOOCTGTACT GTTCACAATT GTTATGTAAA TCTGAAACTA
71151 GTAACATACT ATOGTAAGAT GTTAATAATA GAGGAAACTG GATGTGAGGT 71201 ATATGGGCAC TOOCTGTACT GTTCACAATT GTTATGTAAA TCTGAAACTA 71251 TTCTAAAATG AAAGTGTATT TTATTTTATT TTATTTTGAG ACGGAGTCTT
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71401 CIGGGATTIAC AGGCACCOCC CACCACCC AGCTARTITI TATATITITIA 71451 GIAGACATGG GETITICACCA GTIGTGCCCAA AGGTGGTCTIG AACTCCTGAC 71501 CICAGGTGAT CCACCTCCCT GGGCCTCCCA AGGTGCTGGA ATTACAGGCG 71501 TICAGGTGAT CCACCTCCCT GGGCCTCCCA AGGTGCTGGA ATTACAGGCG 71501 TICACATTTIG ATCGTACTAT TICACATAAAA CTTGGTGTGT GTTGTGTTT 71651 TIGACATGGA GTCTTGTACT GTCACCTGGA CTGGAGTGCA ATGCCATCAT 71701 CTTGGCCTCA TICTACCTCC ACTTCCCGGG TTCAACGGAT TCTCCTCCT 71751 CAGCCTCCTG AGTAGCTGGA ACTACAGGAA CTGCAGTGAC 71801 ATTTTTTTATATAG AGTAGCACT ACTTCCCGGG TTCAACGGAT TCTCCTCCCT 71801 ATTTTTTTTTTTTTTTTTTTTTTTTTTATAGAGATAGAGAT TCTCCTCCCT 71801 TICTCTACCTC CTGACCTCCG AGTCGCCTGA CCTGGACTGCA ATGCCAACTGG 71801 TICTCTACCTC CTGACCTCCG AGTCGCCCTG CCTGGCCTG CCAGAGTGGT 71901 GGGATTACAG GATGAGCCA CCGGGCCTGG CCAGAGTGGT TGTTTCCATC 71901 GGGATTACAG GATGAGCCA CCGGGCCTGG CCAGAGTGCT TGTTTCCTC 71901 TICTCTACCTC CAGGAGTATAT CAGGTATACAG CAGGTATACAG CAGGTATACAG CAGGTATACAG CAGGTATACAG CAGGTATACAG CAGGTATACAG CAGGTATACAG CAGGTATACAG CAGGAGTATA CAGGATACACACACAGAGATATA CAGAGATTA CAGAGATTACAGACCA CAGGAGTATA AACAACTCTC CTGCCTCCCCTCACCTCCCCCCCCCC		
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71951 TGAGATIGAG GYATIGAGCA COGTIGCTIGG CCAACITIGG TISTITICATIC 72001 AGTGAAACCA CASAGTATTA CITCAGACAT CAAGTAGCT AAATGATC 72001 AGTGAAACCA CASAGTATT TAAGACCA CITGIGGTT TAAGGCAGAT 72051 CTATGCCACA GAGAAGTATT TGAATTTAAA TCAAGTATAC TAAATGATC 72101 CTATGAGTCC ATAATGATAT TAAACAAGTGA TITGAATAAAT ACAATGAAT 72101 CTATGAGTCC ATAATGATAT AAACAAGTGA TITGAATAAAT ACAATGATAC 72101 GGTAAATATT TCASAGTATC CATGCAGAAG AATCACAAT AGTICATAT 72151 GGGACACTAG ACAAATCTCC CATGCAGAAG AATCACAAT AGTICATAT 72251 CGSACTAAAA AAAAAAAAA GAAAAAAGA AAAGAACTG TGATTCATAT 72251 CGSACTAAAA AAAAAAAAAA GAAAAAAAG AAAGAACTG TGATTCATAT 72351 CATGGAATG CATTATAGC CAGAAAAGA GACTTICTTA TITGAAAGAC 72351 TCAGAATGA GATTTAATTA ATGTTTAAA AGAGCATATA ATAATATAAT	71801 ATTTTTGTA TTTTTAGTAG AGATGGGTTT CATTAIGTIG GCCAGACIGC	3
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73101 CGTATCCACT ACTICITIACT CAGATCCTAA CATTICTCAGT TITIGAAAAGA 73151 TIGTAGGCTIG TCACAGTIGGC TCATGCCTGT AATGTCAACA CTTTAGGAGG 73201 CCAAGGAGA CAGATCACGT GAATCCAGGA GTTAGAGACC ACCCTGACTT 73251 ATAAGGCAAA ACCCTGTCTC TACAAAAATT AGCCAGGTGT GGTGGCCTGC 73301 ACCTGTAGTT CTAGCTACTC GGGAGCCTGA GGTGGGAGGG TCAATTGACC 73351 AGAGGCTATA GTGAGCTGTG ATCCTGCCAC TACACTCAG TCTAGGTGGC 73401 AAAGCAAGAC CCTGACTCAA AAAAAAAAAA AAAAAAAAA AAAAAAAAA AAAAAA		
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73201 CCAAGGAGGA CAGATCACGT GAATCCAGGA GTTAGAGACC AGCCTGAGCT 73251 ATAAGGCAAA ACCCTGTCT TACAAAAATT AGCCAGGTGT GGTGGCCTGC 73301 ACCTGTAGTT CTAGCTACTC GGGAGCCTGA GGTGGGAGGG TCAATTGACC 73351 AGAGGCTATA GTGAGCTGTG ATCCTGCCAC TACACTCCAG TCATGGGGGGGGGG	73101 CGTATCCACT ACTCTTTACT CAGATCCTAA CATTCTCAGT TTTGAAAAG	4
73251 ATAAGGCAAA ACCCTGTCTC TACAAAAATT AGCCAGGTGT GGTGGCCTGC 73301 ACCTGTAGTT CTAGCTACTC GGGAGCCTGA GGTGGGAGGG TCAATTGACC 73351 AGAGGCTATA GTGAGCTGTG ATCCTGCCAC TACACTCCAG TCTAGGTGGC 73401 AAAGCAAGAC CCTGACTCAA AAAAAAAAA AAAAAAAAA AAAAAAAAAG 73451 ATGTAAACAT TACAGGCCCA GCTGTGGTCC GGTGTAACACT TCTCCATTCC 73501 TAATCCCCTT CATGCACACT TTCCCACAGG TAATCACTAT CCCACATTTG 73551 CTTTAATTAT TCCCATCATG TTTTATGCTA TGACTACACA TGTGTGAATC 73601 TATATTCCAC TGTATGTTAA TACCAACATT TTTTCATTTA TTTTACGGCT 7361 GATGGGCAAT TTAGGTTATT TCCCAGACTTT TACTATTACA GATGCTTCTG 73701 TGAACATCCT TACTCATTTC TCCTTGTGCA CATGTGCAAAA ATTTCTCTGTG 73751 AGTACATACC TGGGAGTGGA ATTACTAGAA TGTGTGCACA ATTTCTCTGTG 73801 TTGTATTTAT CAGTAGTTCA CTCTTATTTA TTGCTGTGTA ATTCCATTCC		
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74051 TGTTTAACTT TTTAAGAAAT TCCTGAACTG CTTTCCAAAG TGTTTGTACT 74101 ATTTTATATT CCCAGTAGCA GTATGTGAAA GTTCTTGTTG CTCTACATCC 74151 TCACCAACAC TTGGTATGAT TAGTCATTTT TAGATATCCT GTGATGTGTG 74201 TGGTTTTCA TTGTTTTAAT TGACAGTTCC CTGATGACTA ATGATATTGG 74251 GTGTCATAGG CATATTTTCC ATTTATATAT CTTTTTTGTA AAGTTCAAAT 74301 TTTTGCCCA TTTTTAAAAT TGAGTTGCTT GGTTTTTATT GAGTTCTGAG 74351 AATTTTGTAT GTAATTTATA TACAAGTTCT TACTAGATAT GTAATTTGCA 74401 AATCTTCTCT CTCAGTTTGT GGCTTGTCTT TTTATTCTCT TAGCAGTGTC 74451 TTTCAAAGAG AAGTTCTTAG TTTTTTGTAT GGGCATTTAG GTTTTTCATG TTATATCTAA 74551 GAAATCTTTG CTTAAACCAA GATCACAAAG ATTTTCTCTG GTATTTCTT 74601 CTTTTGTTTG AGACAGAGTC TCACTCCTGC TCCTGGGTTC AAGCGATTCT 74651 GTGCAGTCTC AGCTCACTGC AACCTCCACC TCCTGGGTTC AAGCGATTCT		
74101 ATTITATATT COCAGTAGCA GTATGTGAAA GTTCTTGTTG CTCTACATCC 74151 TCACCACAC TTGGTATGAT TAGTCATTTT TAGATATCCT GTGATGTGTG 74201 TGGTTTTCA TTGTTTTAAT TGACAGTTCC CTGATGACTA ATGATATTGG 74251 GTGTCATAGG CATATTTTCC ATTITATATT CTTTTTTGTA AAGTTCAAAT 74301 TTTTTGCCA TTTTTAAAAT TGAGTTGCTT GGTTTTTATT GAGTTCTGAG 74351 AATTTTGTAT GTAATTTATA TACAAGTTCT TACTAGATAT GTAATTTGCA 74401 AATCTTCTC CTCAGTTTGT GGCTTGTCTT TTTATTCTCT TAGCAGTGTC 74451 TTTCAAAGAG AAGTTCTTAG TTTTTTGTTAG GTTTTTCATG TTTATATCTAA 74501 CTTGTACTGA TTTTCTTGTAT GGGCATTTAG GTTTTTCATG TTATATCTAA 74551 GAAATCTTTG CCTAAACCAA GATCACAAGA ATTTTCTCAG GTATTTCTT 74601 CTTTTGTTTG AGACAGAGTC TCACTCCACC TCCTGGGTTC AAGCGATTCT 74701 TGTGCTTCAG CCTCCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATGC	74001 CTGGGAACCC CCTAGGAATG GAGGAATAGC TGGGTCATAT GGTAGGTTT/	٩
74151 TCACCAACAC TIGGTATGAT TAGTCATTIT TAGATATOCT GTGATGIGTG 74201 TGGTTTITCA TIGTTTIAAT TGACAGTTCC CTGATGACTA ATGATATTGG 74251 GTGTCATAGG CATATTTTCC ATTTATATAT CTTTTTIGTA AAGTTCAAAT 74301 TTTTTGCCCA TTTTTAAAAT TGAGTTGCTT GGTTTTATT GAGTTCTGAG 74351 AATTTTGTAT GTAATTTATA TACAAGTTCT TACTAGATAT GTAATTTGCA 74401 AATCTTCTCT CTCAGTTTGT GGCTTGTCTT TTTATTCTCT TAGCAGTGTC 74451 TTTCAAAGAG AAGTTCTTAG TTTTTGATGAA GTTTAGTTTA	74051 TGTTTAACIT TITAAGAAAT TOCTGAACIG CTITOCAAAG TGTTTGTAC	Γ
74201 TIGITTITICA TIGITTITAAT TIGACAGTITIC CIGATGACTA ATGATATTIGG 74251 GIGICATAGG CATATTITICA ATTITATATAT CITTITIGIA AAGTICAAAT 74301 TITTITIGCCCA TITTIAAAAT TIGAGTIGCTT GGTTTITATT GAGTICIGAG 74351 AATTITIGTAT GIAATTIATA TACAAGTICT TACTAGATAT GIAATTIGCA 74401 AATCTICTCT CICAGTTIGT GGCTIGICTT TITATTICICT TAGCAGTIGIC 74451 TITCAAAGAG AAGTICTTAG TITTITIGATGAA GTTTAGTITTA TCAACATTIT 74501 CITTIGATIGA TITTICTIGTAT GGGCATTTAG GTTTTICATG TITATATICTAA 74551 GAAATCITTIG CCTAAAACCAA GATCACAAAG ATTITICTICG GTATTITICTT 74601 CITTIGTTTIG AGACAGAGTIC TACACTCCACC TOCTGGGTTIC AAGCGATTICT 74601 TIGTICCTTICAG CCTOCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATGC	74101 ATTITATATT COCAGTAGCA GTATGTGAAA GTTCTTGTTG CTCTACATO	ַ
74251 GIGICATAGG CATATITICC ATTIATATAT CITTITIGIA AAGTICAAAT 74301 TITTIGCCA TITTIAAAAT TGAGTIGCTT GGTTTTIATT GAGTICIGAG 74351 AATTITIGTAT GIAATTIATA TACAAGTICT TACTAGATAT GIAATTIGCA 74401 AATCITICTCT CICAGTTIGT GGCTTGTCTT TITATTCICT TAGCAGTGTC 74451 TITCAAAGAG AAGTICTTAG TITTIGATGAA GTTTAGTTTA TCAACATTTT 74501 CITTIGTACTGA TITTCTTGTAT GGGCATTTAG GTTTTTCATG TTATATCTAA 74551 GAAATCTTTG CCTAAACCAA GATCACAAAG ATTITCTCG GTATTTTCTT 74601 CITTIGTTTG AGCAGAGTC TCACTCTGTT GCCCAGGCTG GAGTGCAGTA 74651 GTGCAGTCTC AGCTCACTGC AACCTCCACC TCCTGGGTTC AAGCGATTCT 74701 TGTGCTTCAG CCTCCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATGC	74151 TCACCAACAC TTGGTATGAT TAGTCATTTT TAGATATOCT GTGATGTGT	G
74301 TITTIGCCCA TITTIAAAAT TGAGTIGCTT GGTTTTIATT GAGTICTGAG 74351 AATTTIGTAT GTAATTTATA TACAAGTICT TACTAGATAT GTAATTIGCA 74401 AATCTICTCT CTCAGTTIGT GGCTTGTCTT TTTATTCICT TAGCAGTGIC 74451 TTTCAAAGAG AAGTTCTTAG TTTTGATGAA GTTTAGTTTA		
74351 AATTTIGTAT GTAATTTATA TACAAGTTCT TACTAGATAT GTAATTTIGCA 74401 AATCTTCTCT CTCAGTTTGT GGCTTGTCTT TTTATTCTCT TAGCAGTGTC 74451 TTTCAAAGAG AAGTTCTTAG TTTTIGATGAA GTTTAGTTTA TCAACATTTT 74501 CTTGTACTGA TTTCTTGTAT GGGCATTTAG GTTTTTCATG TTATATCTAA 74551 GAAATCTTTG CCTAAACCAA GATCACAAAG ATTTTCTCCG GTATTTTCTT 74601 CTTTTGTTTG AGACAGAGTC TCACTCTGTT GCCCAGGCTG GAGTGCAGTA 74651 GTGCAGTCTC AGCTCACTGC AACCTCCACC TCCTGGGTTC AAGCGATTCT 74701 TGTGCTTCAG CCTCCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATGC	74251 GIGTCATAGG CATALLLICC ALLIAIATAL CHITTIGIA AAGTICAAA	_
74401 AATCTTCTCT CTCAGTTTGT GGCTTGTCTT TTTATTCTCT TAGCAGTGTC 74451 TTTCAAAGAG AAGTTCTTAG TTTTGATGAA GTTTAGTTTA	743UL HITTIGUCCA HITTIAWAN IGAGITIGUT GGITTIAN GAGITCIGA	
74451 TTTCAAAGAG AAGTTCTTAG TTTTGATGAA GTTTAGTTTA	74001 AATCHTOL CICACTERS COCCERS TO TATATORS TACCASS	~
74501 CTTGTACTGA TTTCTTGTAT GGGCATTTAG GTTTTTCATG TTATATCTAA 74551 GAAATCTTTG CCTAAACCAA GATCACAAAG ATTTTCTCG GTATTTTCTT 74601 CTTTTGTTTG AGACAGAGTC TCACTCTGTT GCCCAGGCTG GAGTGCAGTA 74651 GTGCAGTCTC AGCTCACTGC AACCTCCACC TCCTGGGTTC AAGCGATTCT 74701 TGTGCTTCAG CCTCCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATGC	- 744UL AATOTICIO CICAGITIGI USCITUTCII TITATICICI TASCAGIGIU - 744S1 TTTCAAACAC AACTTCTTAG TTTTCATCAA CTTTACTTTA	T
74551 GAAATCITTIG OCTAAACCAA GATCACAAAG ATTITICTOOG GTATITTCTT 74601 CTTTTGTTTIG AGACAGAGTC TCACTCTGTT GCCCAGGCTIG GAGTIGCAGTA 74651 GTGCAGTCTC AGCTCACTIGC AACCTCCACC TCCTGGGTTC AAGCGATTCT 74701 TGTGCTTCAG CCTCCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATGC	7/4501 CTTCTACTCA TTTCTTCTAT CCCCATTTAC CTTTTTCATC TTATATCTA	۵
74601 CTTTTGTTTG AGACAGAGTC TCACTCTGTT GCCCAGGCTG GAGTGCAGTA 74651 GTGCAGTCTC AGCTCACTGC AACCTCCACC TCCTGGGTTC AAGCGATTCT 74701 TGTGCTTCAG CCTCCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATGC	74551 CANATOTTIC CITANACCAN CATCACANAG ATTITCTICS CINTITICS	Ť
74651 GTGCAGTCTC AGCTCACTGC AACCTCCACC TCCTGGGTTC AAGCGATTCT 74701 TGTGCTTCAG CCTCCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATGC	74601 CTITICITIC ACACACACTC TCACTCTGTT CCCCACACTG CACTTCACT	Á
74701 TIGTECTTCAG CCTCCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATGC	74651 GTGCAGTCTC AGCTCACTGC AACCTCCACC TCCTGGGTTC AACCGATTC	r
74751 TCAGCTAATT TTTGTATTTT TTTAAGTAGA GACAGGGTTT CACCATGTTG	74701 TIGTECTTCAG CCTCCTGAAT AGCTGGTATT ACAGGCATGT GCCACCATG	C
	74751 TCAGCTAATT TTTGTATTTT TTTAAGTAGA GACAGGGTTT CACCATGTT	G

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74801 GGAAGGCTGG TCTTCAATTC CTAACCTCAG GTGATCTGCC CAACTCAGCC
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78001. AGCCCTCTGT AGTATTCAAA AGTAAGGGGT CAGAAAAGAC AACCTTGAAA
78051 CTGAAGTTTG ATTTTGGGAA GOCTGTTAAG TACATTAGAG GTTTAAAACA
78101 CTTTATATTA TGAAATACAA TTCCAGATTA CCATAAGTCA TTTATTTAGC
78151 CAAAATGATG ACTCAAAAAT TTTTAAAAAG GTAAAAACCT TTACTCATTA

7820	1 AGAGTGAAG	A CAGCTTTCC/	AACAAACAAT	CATCTCTGG TCTCTCCCAC	
7825	1 ACCCTTTAT	T TTTTGATGA	ATCTTTAGAT	AATTCTGTCC AATCTTAACC	=
7830	1 AGTTTGACC	A TGAGGTGAGA	TTCTTATAAA	CCTTTACAAA TTTTTGTTAA	~
7835	1 AGAGTAGAT	C AGTGCCTTA	CAAAACCTTC	TICITITATT CTAATGITC	`
7840	1 ATTTACAGA	A AAACCATICTA	ATACCCTTT	GAATITAGIC AATATGITCA	•
7040.	T CACACACAA	T TTCTTTTCC	AIACCCITTI	GATTIAGIC ANAIGITO	•
7050	LACACAGAA		AGALIAATTI	TTACAAACCT TCCACAACCT	Г
7850.	LICAACITIA	T CITATOCAAC	: TTAAAACAAT	TATTTAATOC TCTAAACTAC	ŝ
7855	l gcaaaaatt	t aaattcccat	GCCTTCTTAT	AATCCTTTAC TAAAAACACA	١
78603	l titactito	c ttacacacci	TGATGTAAAT	CTGTTTTCAG TAGTCTCAAT	Г
78651	L TACATGGTA	T AATGGTAAAC	CTTAGCAATT	TITAATITTA ATGTAAAGCC	-
78701	L TGGTAAGTT/	A TITTAATTAT	GTGCTACCAA	TTATACCTTA AGTTGTAGCC	Ξ
78751	ACTICITISTIS	I GCTATTICCTA	ATATICCTT	ACAAAACTGA AAAGCAAGCA	
78801	ACCTICANCA	A TITTCAAAAC	CCCAACAACC	AGGCTGGGTG TGGTGGCTCA	•
79951	CACCICTAA	T CCCACCACTT	TOSSAGAGE	AGGETGGGTG TGGTGGCTC	•
78001	COCCOCACT	T CAACACCACTI	TUGGAGALUL	AGCCAGGTGG ATCACCTGAC	•
70001	GICAGGAGI	CAAGACCAGC	. CIGGCIAACA	TGGTGAAAAT CCGTCTCTAC	-
70000	LIAAAAAAAAA	A AIAAAAAAA A	TAGTTGGTCA	TTATGGIGTA TGCCTGTAGT	Γ
79001	CCCAGCTAC	CAGGAGGGTG	aggcaggaga	ATCACTTGAA CCTGGGAGGC	-
79051	l agaggcaact	AAGATCATGC	CACTGCACTC	CATCCTGGAC AACAGAGTGA	
79101	LTACTGTTGA	1 AAAAC AAAAA	AGAGAAAAA	GCCAAAGAAG CAGTTTATAA	1
79151	. CTTTAAAGC	TITAGTAAAC	CTAGTATCTG	ACCTGCATAA TITAGACCAC	-
79201	ATGITTACAT	TTTGAAGACA	TITGIATITE	ACCANTANTO TOTAMACTT	-
79251	THATITIO	ΑΛΑΤΑΤΤΑΛΑ	ATCATTICAA	CTAAAAGGTA TTATAGCTTT	-
79301	TATTTTTCC	ΤΓΑΓΑΛΑΛΤΑ	TITICATOTAA	GIGCTIATTT TICTCTAAGO	-
70351	CAATTAATTA	CACCTCTTT	TTATACAAC	ATCACACATA TTGCACATAT	:
70401	ATAACTACAC	CACACACACCA	TOCACTACTE	AICACACAIA IIGCACAIAI	
70451	ATTOTOTOTA	. AGALAGAGGA	ICCAGIAGII	GTAAGATTTT TCATTGTCCA	1
70501	. AICICCIAAI	IAGATIACIG	ACCTCAGGAT	GGAGCCCTTC AAGAGCAGGG	j
1920T	. CIAGGAAAG	AIGCAGITTC	TAGGGCCTAA	TAAATAGTTA TAGCTGGAAG	i
/9551	. ACAAAAACAG	i attitigagag	GGATTTATCT	GCTTTAATT CTTTGGGTTT	•
79601	. Catgaggaaa	N ACAGAGGTTT	TTTTCTAAAA	TGGGGTCAGT GGTGCCTCTT	•
79651	. CCATTTTTC	: Cagggagtcc	CAGGCCATCA	GAAGTTATCT TAGGGCCTCT	•
79701	. CATGCGTGCA	TTAAGAGAGG	CAAGACAAAA	TOGAGAAAAG TAATTCAGTT	-
79751	GACTGAAAAA	GAAAATCTTT	TTCCAGTIGAA	ACAAGATGCA AGAAGAGGAA	
79801	AACATAGAGG	CTTTTAAAT	ATCCCTATAC	CITGGATATC CACTITIAAT	
79851	TAAGCTGACT	TITACCATA	CICCICITAT	TTTAAAAAAT CCTTTTAAAT	
70001	CCTICITAC	CONCETTAC	CCTCACCAAC	TGGCCAATAT TICTGGCTTT	
70051	TCAACTITAC	CAAAACTAAC	CCICACCAG	IGGCCAIAI TICIGGCTTI	
00001	ACCOMMON	CAVAGIAAC	CICACAGGIG	AAACCAACAA GCCTTAAGTA	٨
90001	AGGIIGIGAC	. HCACIGCCT	GIGIACAAGG	TATTTTCAAA GAGATGGTAA	
ROOT	GCAGIIIIIA	CAAAATCTAG	AATCTTTAAA	GATAGCTCAG AGAAAGGAAG	i
80101	ATTTAAGAAA	GGAAGCTAGA	AGTTGTTCAT	GGAGGGAAG AGAATCAGCA	
80151	AATGATAAAA	GTCACACAGA	TATTAGCCAG	AAAGTACTCA TTCCCTAAGC	
80201	CAGGATTGAA	CCTGGGCTTC	CATTGTAAAA	TGGCAGAGAC CAAAAGAAAG	
80251	TOCTTCCACG	TGGTTACAAG	GTCAAGCTCC	CAAGGACATA AAACAAGATG	
80301	GAGACCTTAT	TCAGTTTTTT	TTCCTTCAGA	GACCTGTAGC AAAGTCTGTA	
80351	ACTGACCAGT	TIGCATGGCT	GGCTTGAACA	GTGGGCTTAT GGGGTCCTAG	
80401	arranarr	TATICTICITY	TACTICATAT	GACAGAACTG TACAGAAAGA	
20451	CACACAAAGC	ATACCACATT	CCCTACACCT	TAAGATTAGC CTCACAAATC	
20501	CTTTTTCA	TTAATCAAAA	CTTTACACAA	GAATAAACAG TGATTTTAT	
20551	CTTCCTT	ACTICATION	CTTTACAGAA	AGAGGOCAGA AGTCTGACTG	
605U1	CTAACAACTT	ACIGGITIGE	ACAGGGAGAA	AGAGGLIAGA AGICIGACIG	
OCCE1	CCACCOCACT	TIACICITII	ACIGGAIGI	CAGGCITCTG GGTTCCCTTC	
00201	CAGIICAAI	TTTAAGCCAA	GCAGTTTAAG	GTTTGGGGAT ACTAAACTTT	
80\0T	ICACAGATAT	TTTCCAGTAT	GTTTAAATAG	TITIGITTAG CCCAGATITA	
80/51	ATAATAGTTA	TCTGTAGTAG	GGTTTGCATG	ACCACTITAT TCCAATGCCA	
80801	CAAACAGAAG	TTGATTAGCA	AATTATATAT	ATATTICCAT ACCULTATT	
80851	TACATAATTT	AAGGCTATTA	GACCAATATT	GGTTATTACA GAGCATAGAT	
80901	ACCTTGAAAG	AGGCCAAGAT	GGAGTGGAAA	TGCAGGTTGG AGCTACCAAA	
80951	GGGCAAAAA	CTATTCATCA	ACCTITAACT	ACAATAAATC TICCCTTIGG	
81001					
81051	GTATTTTCAT	TIGTAAACAC	THECOTIC	CACTUATITA CATUCCUATA	
	GTATTTCAT	TIGTAAACAC	TTTGCCCTTG	CAGTCATTTA CATCGGCATA	
יווון	GTATTTTCAT ATTACAACAC	TIGTAAACAC	TTTGCCCTTG	CAGTCATTTA CATCGGCATA AGGAGAATCT TCTTAAATAT	
81101 81151	GTATTTTCAT ATTACAACAC TAAACCTAAC	TIGTAAACAC CTTTGCTTTA CACTTTGAGT	TTTGCCCTTG TTTGGCATGC GATTTGCATC	CAGTCATTTA CATCGGCATA AGGAGAATCT TCTTAAATAT CTGCTTTTGT CATACATTTA	
81121	ATTACAACAC TAAACCTAAC GAGCCTTGGG	TIGTAAACAC CTTTGCTTTA CACTTTGAGT ATTTTTTCTC	TTTGCCCTTG TTTGGCATGC GATTTGCATC AGAATGGAGT	CAGTCATTTA CATCGGCATA AGGAGAATCT TCTTAAATAT CTGCTTTTGT CATACATTTA AGGAGACAAA TAGGGTCTGG	
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81151 81201 81251 81301 81351	GTATTTTCAT ATTACAACAC TAAACCTTAAC GAGCCTTGGG ATAGGGAAAT ACATGGCTTC AAATAAGAGT AAGACACAGG	TIGTAAACAC CTTIGCTTTA CACTTTGAGT ATTTTTCTC TGAAAAGCTT TTGGATGGT TATACAAGCA ACATTCTATC	TTTGCCCTTG TTTGGCATCC GATTTGCATC AGAATGGAGT CCTCGTGTATTT CTCTCTGATG CATCTTGCAC TGGTGTTCTG	CAGTCATTTA CATCGGCATA AGGAGAATCT TCTTAAATAT CTGCTTTTGT CATACATTTA AGGAAACAAA TAGGGTCTGG TTCTGTTGAA AGATTTCTTA TCAAACATAC ACACATATTC ATTTTTGGCA TCTATGTCTC ATTGGCACTACT TTTTTGGCATGTT	
81151 81201 81251 81301 81351 81401	GTATTTTCAT ATTACAACAC TAAACCTAAC GAGCCTTGGG ATAGGGAAAT ACATGGCTTC AAATAAGAGT AAGACACAGG TACTAGACTG	TIGTAAACAC CTTIGCTTTA CACTTTGAGT ATTTTTCTC TGAAAAGCTT TTGGATGTT TATACAAGCA ACATTCTATC AAAATTATTG	TTTGCCCTTG TTTGGCATCC GATTTGCATC AGAATGGAGT CCTGGTATTT CTCTCTGGTATC CATCTTGCAC TGGTGTTCTG GAAGGTAGAG	CAGTCATTTA CATCGGCATA AGGAGAATCT TCTTAAATAT CTGCTTTTGT CATACATTTA AGGAAACAAA TAGGGTCTGG TTCTGTTGAA AGATTTCTTA TCAAACATAC ACACATATTC ATTTTTTGGACCAC TTTTGCATGTT AAATCICTTA TTTGTTTTA	
81151 81201 81251 81301 81351 81401 81451	GTATTTTCAT ATTACAACAC TAAACCTAAC GAGCCTTGGG ATAGGGAAAT ACATGGCTTC AAATAAGAGT AAGACACAGG TACTAGACTG TATTCCCAAC	TIGTAAACAC CTTIGCTTA CACTITGAGT ATTITTCTC TGAAAAGCTT TIGGATGTGT TATACAAGCA ACATICTATC AAAATTATTG AGCCTAGGAT	TTTGCCCTTG TTTGGCATCC GATTTGCATC AGAATGGAGT CCTGGTATTT CTCTCTGATG CATCTTGCAC TGGTGTTCTG GAAGGTAGAG AGAGCCTAGA	CAGTCATTTA CATCGGCATA AGGAGAATCT TCTTAAATAT CTGCTTTTGT CATACATTTA AGGAAACAAA TAGGGTCTGG TTCTGTTGAA AGATTTCTTA TCAAACATAC ACACATATTC ATTTTTTGGCA TCTATGTCTC ATCGAACCAC TTTTGCATGT AAATCTCTTA TTTGTTTTTA ACACTAAAAAT	
81151 81201 81251 81301 81351 81401 81451 81501	GTATTTTCAT ATTACAACAC TAAACCTAAC GAGCCTTGGG ATAGGGAAAT ACATGGGTTC AAATAAGAGT AAGACACAGG TACTAGACTG TATTCCCAAC TITTAATAGTG	TIGTAAACAC CTTIGCTTA CACTITGAGT ATTITTCTC TGAAAAGCTT TIGGATIGTT TATACAAGCA ACATICTATC AAAATTATTG AGCCTAGGAT TAACTGAAAA	TTTGCCCTTG TTTGGCATCC GATTTGCATC AGAATGGAGT CCTCGGTATTT CTCTCTGATG CATCTTGCAC TGGTGTTCTG GAAGGTAGAG AGAGCCTAGA GCAGGTTAGT	CAGTCATTTA CATCGGCATA AGGAGAATCT TCTTAAATAT CTGCTTTTGT CATACATTTA AGGAAACAAA TAGGGTCTGG TTCTGTTGAA AGATTTCTTA TCAAACATAC ACACATATTC ATTTTTGGCA TCTATGTCTC ATCGAACCAC TTTTGCATGT AAATCTCTTA TTTGTTTTTA ACATTAAAGA ACACTAAAAT TGGTCACTGC ATGTAGAGTC	
81151 81201 81251 81301 81351 81401 81451 81501	GTATTTTCAT ATTACAACAC TAAACCTAAC GAGCCTTGGG ATAGGGAAAT ACATGGGTTC AAATAAGAGT AAGACACAGG TACTAGACTG TATTCCCAAC TITTAATAGTG	TIGTAAACAC CTTIGCTTA CACTITGAGT ATTITTCTC TGAAAAGCTT TIGGATIGTT TATACAAGCA ACATICTATC AAAATTATTG AGCCTAGGAT TAACTGAAAA	TTTGCCCTTG TTTGGCATCC GATTTGCATC AGAATGGAGT CCTCGGTATTT CTCTCTGATG CATCTTGCAC TGGTGTTCTG GAAGGTAGAG AGAGCCTAGA GCAGGTTAGT	CAGTCATTTA CATCGGCATA AGGAGAATCT TCTTAAATAT CTGCTTTTGT CATACATTTA AGGAAACAAA TAGGGTCTGG TTCTGTTGAA AGATTTCTTA TCAAACATAC ACACATATTC ATTTTTTGGACCAC TTTTGCATGTT AAATCICTTA TTTGTTTTA	

81601	TAGCTTAGGG	GAAGAGGCAC	AAAGCATCCT	GCCTTTAAAT	GTGCCACTTC
81651	ACCTITIGGAG	CAAAAAGTGG	GCATTTTTAT	AAGGTAGGGG	AGGAAATGAG
81701	CAAGGGCAAG	TGTCCTCTG	CTACTGGGCA	AGTATCTGAG	CTGGCACCTT
01751	CTTGGGCAGA	ACTAACTICT	AAAACTCCCC	AACTCCCTAT	CCTTTCAACA
OT/ 2T	CTTGGGCAGA	AGIAAGIIGI	~~~~	CACCCCTCTCCC	ACACTECTO
	TGCCCTCCTA				
81851	GGGGGCATGC	TTTGGTCTGC	AAATAGACTG	TTAACTTTCG	AGGAGAGATC
81901	CTTGGGGGGA	AAATATATAT	TAGGAAGTCC	TCTGTGGGTG	TTTTGTAGAA
21051	GGACCTAGAG	CCACTACCC	TOGATOGETA	TTTATTTATT	ΤΔΤΙΤΔΤΤΤΔ
07001	TIGIGIGIGI	CTCTATCTCA	CACACACACA		CACACACCAC
8200T	HGIGIGIGI	GIGIAIGIGA	CACACACACA	GAGAAAGA	GACACAC
	GTCTTGCTCC				
82101	TGCAGCCTCA	AACTCCTGGG	CTCCAGGGAG	CCTCCTGCCT	CAGCCTGCCA
82151	AGAAGCTGGG	GGTACTGTTG	TGTGCTACCA	TGCCCAGCTA	GTTTTTAAAG
	TATTTTTTT				
8552T	GAACTACTGG	CHICAAGIAA	ICCICCIACC	TOGGCTCC	AAAGIGCIGG
	GATTATACAT				
82351	TTTGAAACAG	AGTCTTACTC	TCTTGCCCAG	GCTGGAATGC	AGTGGCACAG
	TCTCAGCTCA				
	TCAGCCTCCC				
	AATTTTTGTA				
	GTCTCGAACT				
82601	GCTGGGATTA	CAGGTGTGAG	CCAACACGCC	TGGCCGTTTG	CATTITTAAG
82651	ATAAAAATTT	TACCATGCTG	GATATATIGE	AGTAGCTATG	TACTTCAGTT
	TCTCAATTGT				
					-
	GGATTAAATG				
	CAGCTAGCTC				
82851	TTGGAAGGGG	TGAAAGAGAA	CAACAGTCCA	TTTTATTTT	GTGGCATATA
82901	TATCATAGGT	CCTAAGACCT	TGGATTGTTT	AGATGCCATG	TTAAAACTTG
	ACAAAACTAG				
	ATCATTAATT				
83051	ATTGCCAATT	ACTATTGTAA	CAAAATCTAT	TGGAATTTCA	GTTTAGGCAC
83101	TGCAGTACAA	CAGTGTGAAT	TTCAAAAGTG	AGATATTTTA	TGTGGCTTTT
83151	TAAAGTAGGT	TTTCAAACCA	GTTAAAGGCT	CTAAAACCCA	TTAAGAAGGA
	TACTATGGGT				
	TGTGTCCCCT				
	TACTTGGTAT				
83351	TGAGAGGGAC	GACTTAAGAG	ATTTAAAGGA	TTCCCCCCCAG	TTGTGGGGAA
83401	CAGAGGACCA	GGGTCTGACT	CTCCGAGACA	CCCAACAAGG	AGAGAACTGT
	GGCTGGCTTA				
	TTGAATTTGC				
	CTGCAGATTA				
	ACTOCTGTCC				
83651	TCTTTTGAAT	GACAGCCAAA	AAGCCAGGAG	AAGAATGAAT	TATCCAAGTC
	AATGGTGCTA				
	TGAAAGTGCA				
	TGTTTTGGCA				
	CCTCCATCTC				
83901	TAAAGTCGTG	GAAGAGAAGA	AAAGCAGCTG	ATTTCAATCC	CTTCCCAGGT
83951	TCCCTGGGGC	TGGGGAAAAG	ATTTGATTAC	CTAGTGAATA	TIGGITIGIT
	ACCTAMAGTG				
	GGCCIGITG				
	AATAAATTTT				
	CTGTTAGTGC				
84201	GTATAGAAGT	AGGTTGAAAT	CCACAGTAAT	TCACAGAAAC	TTGTGCAAGG
	GITTGITT				
	AATCTCACTC				
	CTGCAGCCTC				
	TGAGTAGCTG				
	ATTTTTAGTA				
84501	CTGACCTCAG	GTGATCTGCC	TGCCTTGATC	TCCCAAAGTG	CTGGGATTAC
	AGGTGTGAGC				
	CACTCATATA				
	GATGTGGTCT				
	ATCTAAAAGT				
84751	TAAAAAATAA	AAGTAGATGT	TAGGATATTT	TCTTCTAGCC	TGCCTAGTAT
	TTATATTAGA				
	GGCTGGAGTG				
O-OOT	CGGGTTCAAG	TO T	ATCTCACCC	7CTC4CT4CC	TOCCATTACA
8495 <u>1</u>	GGCACCCACC	ACCACACCIG	CIANITIT	GIATITIAGE	ALAUUUUAU

31/03
85001 TTTCACCATG TTGGCCAGGC TGGTCTGGAA CTCCTGACCT CAGGTGATCA
85051 CCCCACCTCG GCCTCCCAAA GTGCTAGGAT TACAGATGTG AGCCACCGCA
RS101 COCAGOCTAG ATTIGITUCIT AAACCATAGA TGTCTGAACT TTTTTGAATG
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RESOL AGAAAACTCA TTCAGAGGGG AAGTAACCTG ACCAAGAATA CGTTGTAGTT
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88601 TTTATGCTGC TTTAGTTGAA AAGCGTTAAT GTGGTCATTA AGGAAAAA	IA
88651 AGTCAAATTT ACATTTGACT TTTTATTTTT AAATATTTAA TCAACAGA	AI
88701 CCTIGGTTTT ACTCATTGCC GCCCCCCACC CCCCAACACA CATCCCTT	$\overline{\alpha}$
88751 TCAACTCTAA AGTGAGCCTC ATTCTTTCAT ATTTTCTTCC ATCTAATT	TA
88801 GAAATTCTAT TIGGATTTIT AAAAATTATA TITATTICII TGTAGAAA	AT
88851 AGATATTTTC ATCITTAAAG TACCTTTATG GGTTTTTTCT TCTAAAAT	TG
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89001 GTAATTAATG TTATTAATAC CTCATCAGAT AGCTTCTTTG ATCTGGAA	GC
89051 TTCCAGGTAC CTATTGTCAG TACTTGTGGC TCTACCACTT GCCGAATG	TΑ
89101 TTACAACTCT AGTTGTGGTA GAGAGGGGAC TGAGAGGTAG ACAACTTA	πG
89151 TAATCTACTA CCTAGTTTGT TAACAAAACA CACATACAAA GCAATGTT	П
89201 TCAAATTTTT CTGACCACTG AGCAATAAAA ATTATGACAT ATATTTTG	AT
89251 GTGACCCAGT TCTGTCTCTC TTTCTCTACC CTCTAAGTGA AACAAAAT	Π
89301. ATTGAAACCA AAATTCCCTT ACTACATGTA ATATTCTCAT ATATTCTA	ıπ
89351 AAATTTOGTT ATTTAGCTTG CTGATCAAAG GCTACTGAAA CTTGAGAG	ČΑ
89401 AGATACAGGA GCAAGGGGAA ATGTGGTATA GATTCTGAGT GTCAAGTG	IGC
89451 AGGTCCATTT TTTCCTCTAG CTCCAGTTCT GCCTTCTGAG GAAAACCT	TC
89501 TCCAACAACT TAGGTCAATC ACACCCATGT CCCTTCTCTG AATCCTTT	
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89601 TGGCTGCCAA ACGTCACAAA CTGGAACCAT GTGTTACTGA AGGGAAAA	∞
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89751 ATTACAGTAC AGTGATACCA CTGTACAGGA ACTGATGTTC CTGATGAT	TC
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89851 GTATAATAGA CTTAAATTTT TTTCTTTAAA ATTGTTAAAT AAAAACAA	
89901 AAGCACTITA AGTAAGTTAC AATTATCTGG AAAACTACTT AGGTGGAA	<u> </u>
89951 ACTGATACAG AATGAATGAA GTATTAATTT CTGTTTTGTT CTGTGTTA	TT.
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90051 AAGGCAGAAC CACATTTTT TTTTTTTTGA GACAGGGTCT CACTATTA	VCT
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90351 GCCAAGGACC AGATTTTTAA TATTCTTTTC CACAATGTAT CTGGTACA	.10
90401 GTAGTTGCTT AATATGTTGG CTAAACAAAG AGTGGAGATT CAGTAAAC	333
90451 TGATCAGAGT GAGGTGAGAT TAATTTGGGA AAGCCTAGAA GTGATTCT	
90501 AGCCTGATTT GAAGGTGGTG CTAGCTGTGG ATTAATAGAG GGAGAAGG	ĸč
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90601 TTCCTTATGA TTACCTCAGC ATGTTGCTAG ACTAGCATTA TTATCCAA	
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90701 TTACTACTGA TAGCCTTTTC AAAAAACTTT AACTAGTTTT ATTCCTTA	
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91751 TCTGATTGAC AGOGTGGGCC TCTTTTACAC ATTGAGGGTG CTCTGCAT	~ ;
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91801 TCATGTTTGT TCTCTTTCTG GCTGGCTTTA CTTACCGACC TCTTGCTACC 91851 AGTACCAAAG ATAAAGAGAG TGGAGGTAGC GGATCCTCCC TCTTTTCCAG 91901 GAAAAAGTTC AGTOCTOCAA AAAAAATTTT CAATTTTGCC ATCTTCAAGG 91951 TGACAGCTTA TGCAGTGTGG GCAGTTGGAA TACCACTTGC ACTTTTTGGA 92001 TACTITIGIGE CITATIGTICA CITIGGIGAGT ATGCTCCTTC ACTIGATCATG 92051 AATATTACTA TITAATAAAG AAAAACTTCT TIGAAGAGAA AGTTAGGTCG 92101 AGTTAAAGTT GGCCTCAAAC ATTATCCTGG TTGTAATTTT GGTATTCTTG 92151 AAATGAAAGG TCTCTCAAGA CAATGTCAGC ACATCCATTA GACCACTAAA 92201 CAGAGAGAGT ATGTTTCATA GTGTGCTTTG GTATTTTAAA AACOCTGCAA 92251 ACCCAGCCAG ACACCATGGT GCCTGTCTAT GGTCCCAGCT ACTAAGCTGA 92301 GGCAGGAGGA TCACTTGAGC CCAGGAGTTC GAATCCAGCC TAGACAACAT 92351 AGAGAGACTC TACCTCTAAA AATAAAATAA ATGTCCCCAA ACAAACACAA 92401 TGTTTTTAA CAGGAAGGCT AAAATAGTGG AACAAATTAC AATCAGTATA 92451 AAACATTTGA TAGGTCTCTT TITTCTTCATA TGGCTTTTAT CAGGGACAAA 92501 GCTAGGGCTA TGATTTTGCT ACCATAAGTA AATTGTTTTT CAACGGAAGG 92551 GTGTAGGTAA TTAGCAAAAA AGCCATGATG TTGATACAAA GAAACATTAC 92601 ATCTACTTGT GGTACACTTC TGGGAAAATG GGAATTICTAT TCAGAGGAAT 92651 ATCTGAGAAA AGTTACTCAA GATCTAAATG AGGAAAGAGA ACTATGGTTT 92701 TATAGGAAAT TAGGATTICA AGTGCTCAAG AAGTTTATAT TGTTTATTTC 92751 TATTTCAAAG GCAAAATTCA GCTTTGTTAT ACTGAAATAC GAATAATTAA 92801 TGTCTAGACT GGGGTTGGTG CCTCACGCCT GTAATCCCAC CACTTTGGGG 92851 GSCTGATGCA GGAGTTCAAG ACCAGCGTGG GCAACATAAG GAGACTTCAT 92901 COCTACCTGG GGAAGGAAAA AAAAAAAAGA AGGAAGAAGC AGTGTCTAAA 92951 GTATCTGCCC CTGGCAACGT TTGTTCAAAA GTGTTCATTA TGTTTCTTCC 93001 TTTTTTCTTT TGTGGCTGAA AATGTATTTA CAATTCACCG TAAATGATAA 93051 AAATGGCATT GGCACACATA TITGTATGTT TGTGAACTTG GATTTTTTTC 93101 TAGCTTACAG TICTACTTTTG GAGATTTGTG CAATTTTTCT TTAGTTAAGA 93151 AATAAGTATA AATATAACCG ATTTACGGAC TATCAGGCTA CATCCTGATC 93201 TGATAGTCCA TTTTCATACT ATTAGGAAAG TATAGCCGAA CCAACTTAAG 93251 GTAAGTTTCC TGGAATATAG ATCTGTTGTG ACAGGATTAA CTTTACCATC 93301 CAACCTCTTT CATAGCTTCT GTAGTCAAGA GAACATTTAT TGTGTCCTTT 93351 CTTAAAAAGA TGAGTAGAAA TTCTTTTTCT TTTTTTCTT TTTTTCAGAC 93401 AGGGTCTTGT TAAGTTGCTC AGGCTGGCTT CAAGCAACCC TCCTGGCTCA 93451 GCTAGGATTA CAGGTGCAAG CCACCACACC CAGCTTTAAA AAAAAAATTC 93501 TCTTTGGTAC TACCACATGA ACACACCTAG AGAAATCATA ACTCAGCTTT 93551 GCTAATACTA GACATTTACC AAAGGAAAAG TOGTAGATGA CTGTCTAGTT 93601 ATTITIGGIT ATATATTIAT AATTIGTAAA TIAATTICAC ATATATTACT 93651 TCATTTGACT TTCACAATAA ACCAGTAAAG CAGATAAAAT AAATATTAGC 93701 TCCAATTITA CAGACTGAAA AACAGATCTA TTGTTAATAG AGACGTTAAG 93801 TCTTCCACTG TGCTTACCTG GTAGCAAAAT CAGTCTACAG TCTTAATAGC 93851 ATATTGGGCC ACTTCCCTGG ATATATTACC AAATGTGTCC ATCTTATTAG 93901 GGGAAAAATG AGTATGCCTA AGGAAATTTA ATAAGCATGT TATTTCTTCA 93951 GGTAAATAAA ATTTCATAGT GGAAGGTGAG TTAGACAATG TTATAGATAC 94001 TTTTGTGATC AGGAGATGGC AAATCAGATG GTGCACAGAA CAATAAAGTC 94051 TCTGTTAATT CTGTTAATAA ACCATGCCTT TTTTCTGCTT TCCCTTCTTC 94101 CAGGCATGTT TTCTTACAAA ATATGTTGAC ATTGTTCATT TGAGATTTTC 94151 TCTTTCTCAT AACGGTGCCC GTTATCGCAC CGAATGCAGC ACGGTAGAGG 94201 AAAGATCAGA TAGCTAAATG CCATACAGGT GTTTAAATCT CCTCTTTGGT 94251 TATGTACTGA GTTTGTCACT TTGTTGTAAT TTAAGGTTTG AATTATGGAT 94301 ACTTAACCAG GAATGGGACA CTAGTTTCCT CCTTATACAG GGAAAAGGTG 94351 TCTCATATCC TTCAAAAGAC TAGTAAAGTA GATGATGTTC AATTCCTACT 94401 AAACCCTTTA TTGACTGTTG AGGGGACACA TATATGAGAC GTAAAAATTT 94451 GCTCTGAAGG AGCATAAACC TAGTACATGT AATTAAAAAT GGCTACAGTT 94501 TATAAAGCAC TTTTACATAC ATTCTCTTAT TTAATATTCA CAACAATGCA 94551 GTACCTGTGG TGTATCCTCT TTATTTCATG GAAGGGAAGA CTAAGGCCCG 94601 GAAAGATTAA ATAACTTGCT CAGCCAGGCA CAGTGGCTCA CGCCTATAAT 94651 CTCACCACTT TGGGAGAATG AAGTGGAAGG ATCACTTGAG CCCAGCAGTT 94701 CAAGACCAGC TTGAGCAACA TAGTGAGATT CCATCTCTAC AAAAAGTAAT 94751 TTAAAAAAAT TATCTGGGCA TGGTGGTGCA TGCCTGTGGT CCCAGCTACT 94801 TGGGAGGCTG GGGTGGAAGG ATCGCATGAG CCCAGGAGGT CAAGGCTGCA 94851 GTGAGCCATG ATGGTGCGAC TGCACTCCAG CCTGGGTGAC TGAGTAAGAC 94901 CCTATCTCTA AAAAAAATTA TAAAGTATTC TAAAGGAAGA ACAGATTGAA 94951 CAATTTTTAA TTTATTTGTC TCCTCCTCCT AGTGGCAGCC TTTTAAATAT 95001 GGAAGGTGAA GAAATAAAGA GCCAGATGTG GTGGTACACA TCTGTAGTCC 95051 TAACTACTCA GGAGGCTGAG GCAGGAGGT TGCTGGAGCC CAGGAGTTCA 95101 AGGCTGTGGT GTGCTATGAT TGTGCCACTG CACGCCAGCC TGGGTAACAG 95151 AGCAAGACTC TGTCTCTAAA AAACAGATAA TAAATAAAGA AGTAACTTGC

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95251 TAAGAGGCAG TATTIGTATAG TGGTTTAAAA GTGAAGGTTC TGGGCCTGGT
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95401 CCTGTCTCTA CTAMAGTAC AAAAATTAGC TGGACGTGAT TGCTTGCACC
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95551 GGTGACAAGA GCGAAACTCC ATCTCAAAAA AAAAAAAAA AAAAGTTCTG
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96451 CGGATTICAGG TGATTICTICCT GCCTCAACCT CCCTAGTAGC TGGGATTACA
96501 GGCGCCTGCC ACCACACCTG ACTTAATTTT TTGTATTTTT AGTAGAGACA 96551 GGGTTTTGCC ACATTGGCCA GGCTGGTCCC GAACTCCTGA CCTCAGGTGA
96601 TCCACCCATC TTGGCCTCCC AAAATGCTGG GATTACGGGT GTGAGCCACC
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96701 AAGGGCTCCT CTGACTCCTC TCATTTAGCT TTCAGGAGCA TAAACTCTCT
96751 TIGIT TICTIC CCTACCTICA CATCACTICAT CCTTAGTITIC TITICCTCACT
96801 TCTTCTTTT CCCACTGACC CCTGAATATC AGCATGTCCT AGGGCTTGTC
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98151 GAAATTTCTG GTCCCTCAAG TAACTGTGTC TTCAGTACOC ACTGAAAAAT
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98501 CTACTCAGAT TGAAAATCAG CTACTTAGTA CCTGTGTTCT TTGACTCTAG 98551 ACCATATCAT TGGGTCAAAT TTCAGTTTTT AAATTTTAGA TCCACATGGT
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98601 TCTCTGTCAA GAAGATGACT GACTCATATT GAAATCTGTA AAATATGTAT 98651 TCATTAGCCT GTTTTTTAAA AACTCCCTTA TAAGTGGGTT GACTTTGTGG 98701 CAGATAGTAA TTGACTIGTTC TCAAAAGAAA CTTTGACCTG GTAGGAAGAT 98751 CCCATTTACC TGATGCTATG GTTCAAGACA GACAGATCAT TTGCTTGCTA 98801 GCAGGGCAAT TAGGTGAACT TCAAGTCCAC TAGTAATTGG AAATGATTTT 98851 TTTTTTTTT TGAGACTGAG TCTCATTCTG TGGCCCAGGC TGGAGTGCAG 98901 CGCCATGCTC TCGGCTCACT GCAACCTTCA CCTCCTGGGT TCAAGCGATT
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102101	GGAGGIIGCI	HIGCCATTTI	GALATGATCE	ATTICIONG	AGIIGOAAG
102151	AGCAATTGCA	ACTGGCTTTG	TIGICITICI	TTCATGGATC	IATTIGGAGC
102201	TCAGGGACAA	GGTTGTTATG	CCCCACATTC	TCCCTGACAA	TGCAAGGCTC
102251	ACAGTAGTAT	CCTTATAAAC	CAAAGTTCAC	TGTACACTGG	GCCAGGAATG
102271	CCCTCCTCAA	CTCACCTCT	CTTCATGTT	GGTTGGTTTA	TOTAL
102301	GGCTGCTGW	GGIGACCICI	X4CT4T44C	CTTCTCACAC	4466444676
102351	TIGGLIGIGI	HAICICIG	ICACIAIAAG	GTTCTGACAG	AAGCAAAGIC
102401	TTGGTCCCCG	TTACATGTCC	CCAGCCTGGT	GGATGATGGT	TACAGAGTGC
102451	TGGAAACTTT	TTTATTTATT	TAAAAATGGAG	TTACGTAACT	GAAGAGTTGC
102501	CCTATCTCAG	TCAGCACTIGC	ΔΔCCΔΔΤΤΔΔ	AATAGAAAGG	CTTAAAATAT
102301	TAATTETETT	TITACCCTAG	ACTUTANAT	ACTAGGGTTT	AAAAGTTTCA
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102601	TITACTITCT	aciacici	ciccicici	CCCTCTCTCC	ciccinci
102651	TCTTTCTTCC	CTCCCTCCCCT	тсттсстт	поспппс	TTAACTATGC
102701	AGAATGCTTT	GCTACTTTGC	AGAATGCTTT	GCTACTTTGC	AAAATAAAGA
102751	GTAATCACTT	TOTTOT	TCAAGACTTT	CAAATTTAAG	TAATTTIGTT
102001	THEATT	TCATTCAAAA	ATACCETTAT	AACATTTCCT	TCACACAAGG
102001	THUMATE	104110444	ACACCCTCTC	CCTATCTTCC	TTACCCTCCC
T0582T	AIAIAIAIA	AIAI I IAGAG	ACAGGICII	GCTATGTTGC	TIAGGCIGGC
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102951	TGGGATCACA	GGCATGAGCC	ACTGTACTCA	GOCTTTATTA	ATCTAAATAT
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102101	COCIAIAIGI	TEATTERED	ATTOCCTTOC	CAATTAACTT	CCAAAAACCC
mamr	HICCHIA	ICALICALIC	ATTOCTIO	OMITMACIT	COMMISSE
103151	TATGAAGATA	TTTATGCACA	TATACATTT	ATGATTCAAC	ICICAIGGIA
103201	ACCTITITATA	AGGAAAGCAG	TGCTAATAGT	GGTTCTTCTA	CTAATAGATA
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102251	AACCTTAATT	ATTICTION	CACTECTIC	AATTATAAAT	CAGTTAAACA
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103401	GATTCAGGCA	TICATTIGAG	IAICIALIGI	GTGCCATAGA	CATICIAGAI
103451	GTGGGGATAC	AATGCTAAGA	ACAGATACTT	TCTCATACAC	AGCTCAATAA
103501	ACAAGTAAAT	TCATAAAGAA	ACAAAGTAGT	TTTCAAATAG	TGATATTTTC
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102601	ACAACTETICS	CONCTENCES	ACAACCTCAT	TGAAAAGCTG	ATAGTAAGTA
TO200T	ACAMCTITIGG	CONSTONE	CTATAACCTA	CCCCAACCT	ACAAAAATAA
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103701	GACAGCTTTC	TATTGCCCTT	GGGAGGCCTA	TAACAGAATT	ICICAAGICI
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103801	TGTATTATTA	AAAATCTGCA	TATCAAAAAT	GAAAATGTCT	TGCATACTIT
103851	CCTICTACCAC	CAATCATTG	пппспс	ATATACTGCA	TTAATCTGTT
103031	TTCACACTICC	TANTANGAC	TTACCTCACA	CCAGGTAATT	TACCAACAAA
TO220T	HONORIGE	IMAINAGE.	ACTECCACAT	CCCCCCCCC	CCTTCACACT
103921	AAGAGGI ITA	AIGGALI IAA	AGITOCACAT	GGCTGGGTAG	GCTTCACAGT
104001	CATGGTGGAA	GATGGAGGAG	GATCAAAGGC	ATGTCTTACA	TGGTGGCAGG
104051	CAGGGGAGTA	TGTGCAGGGG	AACTGCCCTT	TATAAAACCA	TCAGATCACA
104101	TGAGACTTAT	TCACTGTCAC	GAGAATAGCA	CAAGAAAAAC	CTGTCCCCAT
104151	CATTTAATTA	CTCC ACC A	CHICARC	ATGATATGTG	CCCATTATICS
104131	GATTIAATIA	CICCACA	ATTICCTOC	CCAACACAC	CAAACCATAT
104201	GAGCIACAAI	ICAAGAIGAA	ATTIGGGIAG	GGAACACAGC	CAMCCAIAI
104251	CATTCTGCCC	CIGGCICCIC	CCAMATTICA	TGGCCTCACA	TTTCAAAACT
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104401	CTGCCTATGA	ATC TGTGAAA	TCGAAAGCAA	GITAGITACT	TCCTAGATAC
104451	AATACCCCTA	CATICCATTICG	CTANATACAC	CCATTCCAAA	TECCACACAT
TO4401	TECCESA	MIGCALIGG	CACCCCCCAT	GCAAGTCTGA	AATCCAATAC
104501	IGGCCAAAAI	AMAGGGGCIA	CAGGUCAI	GCAAGICIGA	AATCCAATAG
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104601	CTCACATTCA	GGGCACATTG	ATGTAAGAGG	TGTTCTCCCA	TGGCCTTGGG
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104701	TCATGGGTG	GCATTGAGTG	TCTGCAGGTT	TTCCAGATGC	ACAGTGTAGG
104751	CTCTCACTCC	ATCTACCATT	CTGGGGTCTG	GAGGACGGTA	CCCTCTCT
TO-1002		MICIAUAII	COCCACTO	CACTOCIA	ACCCCCTTC
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104851	GTCCCACATT	TOOCTTCCAC	ACTGCCTTAG	CAGAGGTTCT	ICATGAGGIT
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100004 TOTOT		CATICACA	CLUTAN	AGCCCCTTTT	ACCCATICATE
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נתכת	. GGIGCAGCTA	GGATACAGTA	CACIAAGICC	CTAAGCTGCA	CACACAGG
105151	. GGGCCACACA	GCAGGGGGAC	TCTGGGCCTG	GOCCATGAAA	ICATTTTTC
105201	. CTTCTGGGCC	TOCAGGCCTA	TGATGGGAAG	GGCTACGTTG	AAGGTCTCTG
105251	ACATGCCTTC	GGGACGTTTT	CACCATTGTC	TTGGCAATTA	ACATTGAGCT
105201					· - ·
	TOTTETONO	ΤΔΤΟς ΔΔΔΑΤΤ	СТССАДАТСТ	בונגנאניבוניני	CTTGAACTTC
102201	TCTTGTCACT	TATGCAAATT	CTGCAAATGT	CTGCAGCTGG	ATTATTATA

105401	TTTAAGTTAT	GGAATACATG	TGCAGAACGT	GCAGGTTTGT	TACATAGGCA
105/51	TACATATGCC	ATCCTACTITE	CCTCTATCCA	TCAACCTGTC	ΔΤΟΤΔΟΔΤΤΔ
102421	CCTATTOCC	CTAATCCTAT	CCTCCTCTA	COCCOCACT	CCCTCACCA
TOSSOT	GGTATTTCTC	CIAAIGCIAI	CCICCIGIA	GUUGACI	COCCIGACOA
105551	GCCCTGGAAT	GIGATGITCC	CCTCCCTGTG	TCCATGIGIT	CIGALIGHC
105601	AATTCCCACT	TATGAGTGAG	AGCATGTGGT	GITIGGITT	CTAATCCTGT
105651	TITAGITTCC	TCACAATGAT	GGTTTCCAGC	TTCATCCATG	TCCCTGCAAA
100001	CCACATCAAC	TCATCCTTTT	TATCCTCC	ATACTATICC	ATICETICTATA
TO2/OT	GGACATGAAC	ICAICCITTI	TIAIGGCIGC	AIAGIATIC	AIGGIGIAIA
105751	TGTGCCACTT	TITCITIATC	CAGTCTATCA	TTGATGGGCA	THEEGITES
105801	TTCCAAGTCT	TIGCIATIGI	GAATAGTGCT	GCAATAAACA	TATGTGTGCA
105851	TGIGICTITA	TAATAGAATG	ΑΤΤΤΑΤΑΑΤΟ	CTTTGGGTAT	ATAACCAGTA
105001	ATGGGATTGC	TOCTOAAAT	CCTATTTCTC	CTTCAACTTC	CTTCACCAAT
T0220T	AIGGGAIIGC	IGGGTCAAA	GGIATTICIG	GITOMGITC	CITO-CO-AT
	TGCCACACTA				
106001	GTGTAAAAGC	GITTITATIT	CTCCACATCC	TCTCCAGCAT	CIGITATIC
106051	CTGACATTTT	AATGATTGCC	ATTICTAACTG	GOGTGAGATA	GTATCTCATT
106101	GIGGITTIGA	TITICCATTIC	TOTALTICACC	AGTGATGATC	TTTTTTTTA
106151	TATATATTTG	TTOCCTCCAA	AAADCTCTTC	TTTTCAAAAG	TCTTCATATC
100131	MINIMINI	1100010004	AMIGICITE	111104440	TAAATTICTT
100501	CTTCACCTAC	TITIIGAIGG	GGHGHHG	IIIIICIIG	IAVAITIGIT
106251	AAAGTTCCTT	GTAGATTCTG	GATATTAACC	CTTTGTCAGA	IGGATAGATT
106301	GCAAAAATTT	TCTCCCATTC	TGTAGGTTGC	CTGTTCACTC	TGATGGTAGT
106351	TOCTTTTGCT	GTGCAGAAGC	GCTTTAGTTT	AATTAGATCC	AATTTGTCAA
	TTTTGGCTTT				
106451	CCCATGCCTA	TOTTOTTCAAT	CCTATTOCCT	ACCITION	CTAACCETTEE
100421	CCAIGCIA	IGICCIGAAI	GGIATIGCCI	AGGITTICIT	CIAMOGITII
106501	TATEGITCIG	TTGCATCGTC	AGGCTGCAAA	TITICCAAAC	THAIGCIC
106551	TIGCTTCCTCT	TGAACACTIT	GCTGCTTAGA	AATTTTTTCC	ACCGGATACC
106601	CCAAATCATC	CTCCAAGTT	CAAAGTTCCA	CAGATCTCTA	GGGCAGGGAC
106651	AAAATGCCAC	CACTUTATION	CTATACCAAG	TGTGACCTTT	ACTICCAGTTIC
106701	CCAACAAATT	CTCATCTC	ATCTCACACC	ACCTCAGAAG	CATTCAACA
106/51	GGTCTCTAGG	AAGTTCCAAA	CITICCIACA	ICHALITIC	TICIGAGCCC
106801	TCCAAGTCTC	TAGGAAGTTT	CAAACTTTCC	CACATITICC	TATCTTCTTC
106851	TGAGCCCTCC	AGACTGTTCC	AACCTCTGCC	TGTTACCCAG	TTCCAAAGTT
106901	GCTTCCACAT	TTTTGGTAC	CTTTACAGCA	GCACCCACT	ACCCAGTACC
100901	AATTTACTGT	ATTACTOT	TOTATOO	CTAATAAAGA	CATACCCCAA
T0032T	AATTIACIGI	ATTAGICIGI	ICICATOCTO	CIPALIPARA	ACTICCATAT
10/001	ACTGGGCAAT	TIATAAAGAA	AAGAGGIIIA	AIGGALICAL	AGIICAIAI
	GGCTGGGGAG				
107101	ATGTCTTACA	CGGCAGGAGG	CAAGAGTGTG	CATGCAGAGG	AACTGCCCTT
107151	TATGAAACCA	TCAGATCTCA	TGAGACTTAT	TCACTATCAT	GAGAACAGCA
107201	CAGGAAAAAC	CONCECCAT	CATTCAATTA	AGTCCCACCA	GITTCTTCT
107201	AGGACACATG	CCCATTATCC	CACTTACAAT	TCAACATICAC	ATTTCCATCC
T0/52T	AGGACACATG	GGATIATGG	GAGI IACAAI	TOMORIGAG	ATTIGGATGG
107301	GAACACAGCC	AAGCCATATT	ATATACTTIA	TIAACIACII	AICICITCIA
107351	ATAATACACT	TGTTCTCATG	TEGITATICT	TCTTATTACC	TTTTTTTTGA
107401	GATGAAGTCT	CACTATGTTG	CCTAGGCTAG	TCTCAAACTC	CTGGGCATGA
107451	GCCATCCTCC	CACATGGCCT	CCCAAAGTGC	TIGGGATTACA	CATTGTTGAGCC
107501	ATCACTCCTG	CTCTCATCTC	CITATIOCAC	TEAATEATTA	ACACACCTTC
10/301	AICACICCIG	GICICAIGIG	GITATIACAG	CATTOTALIA	AATCATCTCT
TO\22T	TCTCCTTCAC	HIGICULIA	CHITICICA	GAIIIIIIC	AAIGAIGICI
107601	ATGCTTTTCT	TGTTTTTC	TAGCITTICT	AACCTTGCAT	TTATTTTCCT
107651	TCAGATCTCA	ACATCTGCTG	CAATTTGACT	GTTCAGGTTA	GTGACAATTT
107701	GCCCATTTAT	CAGTITIGIG	CCTTAGGCAG	TATTCACCAG	CATTCTCCTA
	CTTGAGATGA				
	ATGGGGACAT				
10/001	AIGGGGACAI	1 IAMIAI I IA	TACTACCATA	CCAACTTCAC	ACAACACCTA
10/821	TTTCTTTTCA	AMIAIAMIA	IACIAGCATA	GGAACTIGAC	AGAAGAGGIA
107901	ATAATACAGA	AGAAATCTAG	AGAACTGATC	atggagaaat	AATTAAACTA
107951	AAACAAAGCT	GCTGCTTATA	GTAAGGTAGA	CCAAGTTTGT	व्याना
108001	AAATTATACT	TAGCCAAAAA	TAAATATTTA	TAGATAATTG	AATAGTAGTT
108051	TTTAGAAATG	ATTICATIGGAT	TACTCAGGG	TGGAAATTAT	CCTGTAATG
1000001	TAGGCCCCAA	ACTICTABAA	TATTTATAT	THETCACCEA	CAAATAAATC
100101	IAGGCCCAA	ACTICIAWA	IAITIAIAAI	1101040004	AAACACCACT
108121	CACAAACATT	TGAMAIAIC	TAATITIAAC	I I AAAI I GAA	AVALAGCAGI
108201	AGIGTATTTT	TGTTAGGCCC	TTATATTGGG	TAATATAGTC	TATGTAAGTA
108251	TGGGAAAGGC	TGGTGAAAAC	TGTGGATTTA	TCTACAAAAT	ACATTGGTAC
108301	ATTGGGGAGT	गाजनक	AAGTGTCCTA	ACACCTCAGG	AAATGCTAAG
102251	GAAGAAATGG	CTACCCTACA	CTGAACACTC	CACAAGGGTA	CCCACACCCCT
100401	CTTCTCTTCA	GIVED SIMO	CCCACCACC	. VCV AXAILL	TOOCACTICAA
TO940T	CHCICITO	IIGCICIAGC	<u> </u>	MAIGIGA	TACCOTACO
108451	тстттстт	CCITTITIAA	CIGATITCAG	GIIGAGTTIA	IAGGCIAGCT
108501	GAGTTTATAG	GCTGGTAGAG	TACAAGGTCT	ACTAATTTCT	CTACTCATGA
108551	CTACTITACT	TTCTAATAGC	ACTITATGIT	CTTCAAGTGC	тттст
108601	TGTTCTTCAA	TGTATAATAA	GGTGAGAACA	GTTTATCTC	CATCTTGCAG
100551	CCACAACACT	TAGTTAAGAG	ACTITICAC	GTCACACACA	TATAGTTAAT
100701		CCTTTAAACC	TTAAATAAYA	GAAATAAAAA	TGATTITATA
T//Q//0T	GACAAGGIGA	GUITAWACC	ALPAIRANIA	CTT 112	TOTITIAIA
108/51	ATTATCTAGA	GIAGITICAA	IGIGAAAIAA	CITAMAGGIA	TGGAAATGGA

10/506667 10/506513

108801 TGCCAAGAAG TATAGTCAGT CTTGCTGGAG TAAAATAATG CCCAGTGCTT 108851 TGTGCCTTCT CCCAGCTGCT GCTTCCAGAA GAACGGGGTG TCTGAGTGTG 108901 AACATCACCC AACAAGTAGG TTAACAGATA TCCACGCCCC TCTTGACCCA 108951 CATACATATC AGTIGGGATTT AGAATIGCTIGC CACATATTIGA TIGATTIGAATT 109001 TATGAAGCAT ATAATATOCT CAATAATAAA CCAAGTGTCC CTGTCCCAAC 109051 TTGTTATCTC TGCTTCTGTG AACACATGTT TTCTTTTATA TGCTCCTTAC 109101 TOCTCAGGTG CTCTCTCAGG GACTTTTCAG TTCCTGACCT TGTCCTTTTC 109151 AGCATTTTCT CAGAGGACAA TTCTTAGCTT CCTGTTGATT CCTCAAGCAT 109201 TAATTIGCTTT TTTCTGCCAG ATATTTCCTT GCTAGGCTCT TGAGCCCTCA 109251 GAGCTGTTCT GAATTATGCA GTGGGAATTG CCCAGGATTA GGAATCACCT 109301 AATGTCCCCA CCACCCCCGC TTCCTTGTGA GGCACTTCTC AACTCTGCAT 109351 OCCTTATACC TTCACAGCAA CCCTGTGTAC CCAAAGCAGT GTCATACTCG 109401 GTGCCTCCTT TTCTCTCCTG AAATAAAATT CCTAGATAAG AAGACCTCTA 109451 TATTCCAGGC CTTGTCTTTG ATTTTAGGGA AAAAAAAGAA AACTACCTAT 109501 ATACATAATG TTTTTAAAAA TCAGTAATGT CCCACTCGTT ACAGAAAGGA 109551 GAAATAAAAG AAGTAAGTTA ATGCCTGGGA TACGTGCTAC AACATGGATG 109601 AACCATGAGG ACATTACACC AAGTGAAATA CTCCAGGCAC AAAAGCACGA 109651 ATACTGTATG GTTCCCCCTTA GATGAGGTAC CCAGAGAAGT CACATTCATA 109701 AATACTGAAA GITGTATGGT GGTTTCCAAG GGGAGGGGGA AATGAGGAGT 109751 TATTTAATGG GCACAGAGTT TCAGCTTGAG AGGAGGTGGT GACAGTTGTA 109801 CAACAATGTA AATGTACTTA ATATAGTACA CTTAAAATGG TTAAAATGGC 109851 AAATTITATG AAATAGGAAT TTATCACGAT AAAAAATTAA AAAGTAAGAA 109901 AAGITACTIGC TTGGGCGAAA GTATATCAAA AAAATAAAAA TAGTCCCCAC 109951 AAATTTOCAA AACAACOCTA ATGAGGTGTT GCTGOCTAAA TGGTG**AA**CCA 110001 AATTGTGAAC CAATGTGTAG TGTTTGAGAC TGGGAAACTG ATGCCCAAGA 110051 TITTAGCCTC AATAAGGAGT AGAGTTCATA ATTIGACTCC AAAGACATTT 110101 CTTTCCCTAC CATGCCAAGG CCATCTGATT CCCAGTCCAA AGAAGTTTTC 110151 TCTCTGCTCT GTAGGCTGCC TTAATCCAGA GTACACAAGC CTTCCATTTT 110201 CTTATCTGTC CTCCTACCAG GGTGTGGTCC TTTTCCTCCT GAACACTGAC 110251 TGTATAATTA CCAGACAAAA CTAAACATAT TTAAAATATA GGCAGTCCTC 110301 TACATOCAAG GTTOCACATO CTTGGATTCA ACCAACCATG GATTGAAAAT 110351 ATTTGGGGGA AAAAAAAACA ATAAAAAAAC ACTGGCCTGG GCAGCATAGT 110401 GAGATIGOCAT CTICTACAAAA ACATTAAAAT ATTAGCTIGAG CATTOCAGCA 110451 CTTTIGGGAGG CTGAGGCAGG CAGATCACCT GAGGTCAGGA GTTCGAGACC 110501 AGACTGGCCA ACATGGCGAA ACCCTGTCTG TACTAAAAAT ACAAAAATTA 110551 GCCAGGCATG ATGGCAGCTG CCTATAGTCC CAGCTACTCA GGAGGCTGAG 110601 GCAGGGAAAA TTTCTTGAAC COGTGAAGCA GAGGTTGCAG TTAGCCAAGA 110651 TCCCACCACT GCACTGCAGC CTGGGTGACA GAGTGAAACT CTGTCTCAAA 110701 AAAATAAAAA TAAAAATAAA TAAAAATTAG CTGAGCATAG TGGCATGTGC 110751 CCATGGTCCC AGCTACTTAG GGGGTTGAGG TGGCAGTGAG CTGTGATCGT 110851 ACAATAAAAC AGAACACAGA TTAAAAACAA AATACAGGCT GGGCTCACTG 110901 GCTTATGCCT GTAATCCCAG AACTTTGAGA GGCCAAGGTG GGAGGATTGC 110951 TTGTGCTCAG GAGTTTTAGA TCAGCCTGGG TAACACGGCA AGACCACATC 111001 TCTACAAACA ACAACAACAG GAGACTATAC TTTCAGGGAC CATTICIGGG
111051 GATCATAGTT TGTTACTAGA GAAGTTTCTC TGTGTAGAGC ATTGAAATAT
111101 AAAAATGCAG AATAATCATT TACATAGCAT TTACATTGTA TTGGTTATTA
111151 TAAGTAATCT AGAGATTAAT TAAAGTATAC AGGAGGATAT ACATAGGTTA 111201 CATGCAAATA CTACACCATT TTATATAGGG GACTTGATCA TCCATAGATA 111251 CGGGTATCTG AGGAGGTGTT GGGTTCAGTT CTCCACGGAT ACCAAGAGAC 111301 TAATGITAAT TICATTITCCC CAACCTCCAC ACCAGAACTC TGAAATAAGA
111351 ATAAGAAAAG GAGCAGTTGG GATAGACAAT ATCAGAAGTA TGTGGAAATG
111401 ATAACAGTGG AAGGAAAGCT GATCTAAGCC TACTCAACAA ATTITAATCT 111451 TCATTCTGGT AAAAACAAAT TAGATTTATG GGTGCAAATT TGAGCCAGCA 111501 ATTAGATGGC TCTTAGGATT AATAAAAAA GACTGAACAT CATGCCTTCC 111551 AAAGACTGAG GGAAAGAGAT AGATAGGAGA CTTTGGCAAA GTAGCACTTT 111601 AGCCAACATC ATTAGCCTAA ATCTTAGTGA AGAGAGGTTA GAAGAAAGGT 111651 AGAATTITICA TGGAAGGATC CATTITITCTT CACTICAGAA TTAAGGGAAA 111701 AATTAGGAAG CTGAATAAGA ACTAATGGCC TAATTTCTTT GITTCTTTCA 111751 AAAATCAAAT CITTAAGITA AAATTITCAAT AACCAACAGA AGAAGGTAGA 111801 ACCAATTITG TGAATTTACA AAATACTTGC TTATTGACAC TATTGGCAAG 111851 GTCATTAAAT AAGTTATCAA GTTACCTCAG ATCCCAGTGA TITAAATAAT 111901 GCTTTCTGAA TGTATCCTTT TCTGTTTTAA GAAGAAGCTG TATTAGGTTC 111951 TTGTGTTCCT ATAAAGAAAT ACCTGAGGCC GGATGATTTA TAAAGAAAAG 112001 AGGTTTAATT GGCTCACGAT TCTGCAGGCT GTATAGGAAG CATGGCCCCA 112051 GCATCTGCTC AGTTTTCTGG TGAGGTCTCG GGGAGCTTTT ACTCATGGCG 112101 AAAGCAGAGT GGAAGCAGCA GGTCACTTGA TGAAATTGAG AGCAAGAGTA 112151 TGGGTGGGGA GCTGCCATAC TCTTAACCCA ATCTCTAGTG AACACAAGCA

112201	ATAACTCACT	TATCACCAAG	GGAATGGTGC	TAAGCCACTT	GTGATGGATC
112251	CACCTCCAAA	ATCCAGTCAC	CTCCCACCAG	GTCCCACCTC	CAACATTGGG
112301	AATCACATTT	CAACATGAGA	TATGGAAGGG	ACAAACATTC	AAACCATATC
112351	AGAAGCCTAT	CTTAGGCTGG	GCACGGTGGC	TCACGCCTGT	AATCGCAGCA
112/01	CTTTGAGAGG	CCCACCCAGG	CAGATCATTT	GAGGTCAGGA	GTTTGAGACC
112401	AGCACGGGCA	ACATECTICAA	ACCCCATCTC	TACTAAAAAT	ACAAAAACTA
112451	ACACIGGA	ACAIGGIGAA	ACCCAICIC	CACCTACTCC	CCACCCTTCAC
112501	GCTGGGCATG	GIGGCACACA	CCIGIAAICI	CAGCIACIG	GGAGGCTGAG
112551	GCAGGAAGCT	CTCTTGAACC	CGTGGGCAGA	GGTTGCAGTG	AACTGAGATT
112601	CTGCCACTGC	ACTCCAGTCT	GGGCAACCGA	GTGAGGCTCT	GTCTAAAAAA
112651	AAGAGAAGCC	TATATTAAAC	TTAAAAATT	TAATATCATT	TCAACTAGCC
112701	TITTGTTGGG	TGCATTIGIT	CACTITIGGAC	TATTTTTCCA	AATTCATGTA
112751	CAGTOGTGCA	TCTCTTAACA	ATGAGGATAT	GTTCTGAGAA	ATGCATCCTT
112001	AGGCAATGTC	ATTICTION	AAACATCATA	CACTICTACTT	AGACAACCCT
115901	AGGCAATGIC	AIIGIIGIGC	AGGELGGGTA	TATTOCCATAC	CACACCCTA
115821	ACATGGTGTA	GICACIACAI	ACCIAGGCIA	IAIGGCAIAG	GIAGAGCCIA
112901	TTGCTCCTAG	GCTACAAACC	TGTACAGCAT	GITACTGCAC	TGAATGCTGT
112951	AGGCAGTTGT	AACACATGGT	ATTIGIGIAT	CTAAACATGG	AAAAGGTACA
113001	GTGAAAGTAC	AGGATTATAA	TCTTATGGAA	TOGCTGTTAT	ATATGTGGCT
113051	CATCTTTGAC	CAGAAATGTT	ATTATGTAGC	ACATGACTGT	AATTCCACTA
113101	TTGATTAGAG	ACTICATAAC	CCACACCTAC	CTGTTCATTT	GCATGCACAT
112151	TTAGCCGATA	CCTCACTTTA	TCACTAGATC	ACTICCAACAA	TAAGTTTAAA
112121	CLECATOR	GGIGACITIA	TTTTTAATA	AATCTAAAAC	ATTOCAACTAC
113201	GAGCATGTCC	CHILCHG	HITTIAAIA	AAIGIAWAL	AIGGMGIAL
113251	ATGATACCTC	AAAGGAGCAT	GAATCACAAA	CAGGAGICCA	CATTIACAGA
113301	GCCTTTGCAA	CCACTTTTAT	ATCTTCAAAG	TIGCTICTACCA	AAGTATCGGA
113351	GTCAGTCAGT	CATGCAGGTA	GGCTGCCAAC	CATGGCTGAG	CCCTCAGGAG
113401	CTGTCTTGAT	GACCAGCATA	GACACGGTCT	GTIGIGITCA	TTCAAACTTG
113451	CCAGGAACCA	ACCATICTICAC	AATGGTAAGT	CTGGTGTGCC	AAGAATGAAA
112501	CTCCAAGAAA	GAAACTTCAG	AATCAAATTT	AAATITAGGC	TEGETETICS
113301	CICCAAGAAA	ACTACTICOS	CCCCTTTCCC	ACCCTCACCT	CCCCAGATCA
	GCTCATGCC				
	CCTGAGGTCA				
113651	CTCTGCTAAA	AACACAAAAT	TAGCTGGGCA	TGGTGGTGGA	CACCTGTAAT
113701	CCCAGCTACT	TGGGAGGCTG	ACGCAGGAGA	ATTIGCTTIGAA	TCCGGGAGGT
113751	GGAGGTGGCA	GTGAGCCGAG	ATCACACCAT	TGCATTCCAG	CCTGGGTGAC
113801	AAGACCAAAA	TECCATCTCA	ΔΔΔΔΔΔΔΔΔ	ΔΔΔΑΤΟΘΔΑΤ	GTAGGTGGAA
112001	TTAATAAAA	TTTAAATAAA	CTAACACATT	AAACCTTTCA	TIGTICAGGA
112001	AGGAACAGAA	CAATTITITICA	TAACTTCTCA	AATATCTCCC	ACACAAATTA
113901	AGGAACAGAA	CAATITIGA	TANCI IGIGA	MINICIGGE	ACTION
	TTTAGAGCCA				
114001	TITCIATITI	AAGATGAAGT	CTACTITAAA	CITCIAMAT	GCAGGGTTAT
114051	TTAAACTGGC	ATCTAAATCC	AAGCTGGTTT	TGGTTGGTAA	TTCCTCTAGG
114101	ACATTTTACT	AAATCTTGAT	CTTATCTAAA	TGATGCTATG	TCATAGATGG
114151	ACTGTTTGTT	TIGITIGIAA	TCCAGGGAAA	TTAAAAAAAA	AAAAAAACAA
11/201	GTAGAAATAA	ACCUTITAN	AGAATTITTA	GAGTTAGAAA	ΤΩΤΙΤΙΓΔΔΔ
114201	ATTAGGITCT	TTAAACCATT	ACCOMPTENCE	TOTAL	CICHICITY
114301	. TTCTGCCCTT	IGGIAGCIAI	GAMIMAICI	GATICAGA	AACTICITI
	TTCCCAGTCC				
114401	. CATGGAAACC	CATCTTAATG	AAATGGAAAG	ATCTGCTGTT	TAAAAAAACA
114451	AACAACCAAT	CACCCATGCC	TCCTACAGTC	CTGTTAGGCC	AAAGGTCTGC
	TCTCCACCTG				
114551	TAGCCACAAC	AGAAATATCG	TTGGGCTACC	AAAAGATGTC	AGTCCTTAAA
114601	AATGTTGGCA	AGCAAAGAAA	TTTTTA	AGCACATCIT	AGAGATACTT
114651	TAGTCTAAAG	CCACACITICA	TCACATTAAA	GAAGCTAAGA	TTACATTTIC
114031	. IAGICIAAAG	GCACAGI IGA	TATISTATION	TOCCCATAAA	CTCTATITO
	. GGGCTGGTCT				
114751	. AGIGITITET	GGTGTAAAGG	GATTAATTTT	AIGIACICAA	GICIAIGGAG
114801	. mamci	TOCACCTTTA	ATCACCTCAC	TOGGCTTGCT	GGTGTGCAGT
114851	GCTCATGCAA	AACTTCCTAA	GGGAGTGCCC	CACTIGITIT	AATTTACTTC
114901	CTCTAGCAAA	AACACAGCTA	GAGGAAACAC	AAATCGTTTA	AAAAAGAAAG
	AAAAAAACAA				
115001	CTACTITIAA	CTCAAACCCCT	ACTICITANCE	TITICATTIC	AACAAACTCA
115054	CATTATOO!~	AIOAAAAA	TTC-ACCCCC		
	GATTATCCAT				
117[0]	CGTCTATTTT	I I I AAAGGGC	WAGGETTIT	IGAGI I IACC	IIICAAAAA
115151	GTATGTTTAG	GCAGAATGGT	CTTCTAGAGT	TATGGAATAG	CITITCAMAT
115201	GTTGGATGGA	TATTTICTTA	GAATTACTCC	AAAATGCAGT	AAATGAGAAG
115251	CAACAAGCTG	AAGCTGCCAG	TCTCTGGTAT	GAATAGCAGT	GAGTAAAAGT
115301	GCTTTGAACT	TAGIGICCGT	ATTGGAAACC	AGGAAGTTGA	AAGAATCAGT
115351	LTTGAATTCCA	TAATTICTIC	ΔΔΔΤΔΤΤΔΤΩ	TACCATTTAT	TATCCCATTT
115401	L TTTGATGTAC	CATCTAAATC	TANAACATAC		CTCCCTC*
112401	LITIGATGIAC	CHIGHANG	# 1/4/***********************************		ACCCATTON
11242]	AGAGTTTATT	CICLIAGACA	IAVVAIGAGI	GIACAIGCCI	AGUATIGIC
115501	L CACCOCTTTC	CAGTICGATG	AIGIGIATCI	GATGAGGAAG	GACAGAGAIG
110001	AGAGAATCAA	AATCATTATA	AACGAATACA	GATGATGACT	GGGTGACTGA

115601	AATCTTATCT	CCCAAAGAGC	ATAGTTAACT	GCAGCAGCAG	TGGATGATAA
115651	CTACTGGGTG	GGGGTAGAGG	GGTGTTTG	CTCAGTTCTG	CCTAGAAGAC
115701	ACTICIOCIT	ATTITAGTCC	CACAGTOTOT	ACTICCTCCCT	GGGCCTGTTT
115751	TOCOTOCT	TTCCTGGCCT	CTCTATACGG	CTITISTIAG	CACTITIGTAG
115001	TTCTCACTCA	GCTGTTACTC	CAACTICTICT	CTCAGAAATA	AAGITACITT
112901	TIGICAGICA	CTCTCACTA	ATTCCCCCTTC	TTTTAAACT	ATCACTCCCC
112821	TGTTTGAAGA	GTCTCCAGTA	AICCCCTIC	TITIAWICI	ATATTTATT
115901	AAAGATATAT	AGTCTAACTT	GIGIGCACCA	GIATTIAIC	AIAIIIAIII
115951	AATAAATTCC	ATAAACCTTA	CATAAAAGAT	ATTAMACAMA	AAGTACTCAC
116001	CCCCTTAAAA	GGAGGAAGAT	AATGACCATC	AAGGCATGGC	CAAATTACAC
116051	AGTCTTAGGA	AACAGTACAG	TAGGTAATTA	TTGGACCTTT	TTGATTAATG
116101	GCATCCTTGC	TTTGCAGGTG	TGTACCACCA	CTGCACTTCA	CAGGITTICTG
116151	TAAATAAAGT	GATTIGGGGT	TOCTICIGI	TGAGCATTCT	TCTATOGTGA
116201	AACCATTICG	TGATGAGAAG	CITICACTITIC	TAATGCATGT	тепест
110201	TATTOCACCT	GCTTTTGTAC	TETECOCACC	CATTTAACTT	CTCTCTCTCT
110521	TATTIGGAGCT	GUITTIGIAC	ACTICIONE	ACCTICATION	TCACAACACC
110301	TGATATATGA	GAGCTAGAGG	ACICIGOTT	AGCITICA	AACACACCTC
116351	ATGIGATGIC	TCCAAATGTC	HACACIGIG	GCIGACIGI	AAGAGAGGIG
116401	GAGAGGAGAG	AGGCCAAGGC	TGAGGCCATT	CCAGTGAGAT	GATCACTTIC
116451	TTAGGCTACT	GCCTGAGACC	TCTCAAACAG	GATCTGTCTG	TGGGCTCTAG
116501	TGAGGGGAAA	GTAACCGGCC	TTCAGTTGGC	TGGTCAGAAA	CAGTTACCCA
116551	CCCCCCCCGGTG	TGGTGGCTCA	TGCCTGTAAT	TCCAGCACTT	TGGGAGGTCA
116601	AGGGTGGAGG	ATTGCTTAAG	CCCAGCAGTT	TGAGACCAGC	CTGGGCAACA
116651	TAACAGGACC	ATGTCACTAC	AAAAATGATT	TAAAAATTAG	CTGGATGTGG
116701	TOCCATOTAC	CIGIGGICCC	ACCTACTOCC	CACCOTTCACC	TAGGAGGATT
110/01	TOGCATGIAC	AGGAGGTCGA	COCTECACTE	ACCIDENCATE	COCOCACTOC
TT0/2T	GITTAAGCCC	ACCAGGICGA	CTCAAACTCT	CTCTCAACAA	CAAAAATCT
TT080T	ACTOMGCCI	GGGCAACAGA	GIGAVACICI	GICIOMGMA	GAMMAIGI
116851	TTCAGGCACA	GICAGIGIIG	AAGAIGICAA	TIAGCAAGGI	HITTIAAIC
116901	CCCTGGAAGT	GTGCAACCCA	G GATTAAACA	GATGITTAAG	AACATAAATA
116951	AAAGATGAAT	TCCTGGCCGA	GCGCGGTGGC	TCACACCTGT	AATCCCAGCA
117001	CCTTGGGAGG	CTGAGGCAAG	TGGATCATGA	GGTCAGGAGT	TCGAGACCAG
117051	CCTGACCAAC	ATGGTGAAAC	CCCGTCTCTA	CTAAAGATAC	AAAAATAAGC
117101	CGGCGTGGT	GGCGGGCACC	TGTAATTCCA	GCTACTCAGG	AGGCTGAGGC
117151	AGGGGAATTG	CTTGAACCCG	GGAGGCGGAG	GTTGCAGTGA	GCTGAGATCA
117201	TECCACTECA	CTCCAGCCTG	GGTGACAGAG	TIGAGACTICCA	TCAAAAAAA
117251	44444444	AGATGAATTC	CTGACACTTA	ATACATTTAG	ATAAAGTCTA
117201	ACTEATOTE	AAAGTTAACT	TTAAACAACT	CCTCTACACC	ATAATATTAT
11/201	ACHAICH	CACACTEACE	TOTACTATAA	CCTTTAAATT	CCTTAAAAA
TT/32T	CCCIGIGIA	GACAGTGACC	ICIAGIAIAA	GCTTTAVATT	CTCTACAACT
11/401	ATAGATTAAG	TATGAAAACA	ICICITOAL	ALTICATAL	CICIACAACI
117451	CTTTATTAGA	AATATCCATT	TIGICCIAIA	TICACITICI	GCTGAACTAA
117501	AGTGCATGCC	AGTCTCCAGA	GGATGACAGA	TGGGCAGAAA	TITATAAAAC
117551	AGCAGCAGTC	ATGGACAGCC	TAGGCCACAA	GTAGAACATA	CCAGACCTCC
117601	TGGGTACTAC	TGTCTCAGTG	AGAAAGGATC	CAGAGATCCA	GCATCACCAG
117651	ATTCCCTCAC	ATACTGACCA	AAGAAACTTT	TTTAGTTTGC	AGATTTTGGT
117701	GGGAATAGG	AGGAGTATTA	GAAGCTGAAG	TICTICCITY	ATTTAAATAA
117751	TCATCCCACT	AACAAAATTC	GGTTAAATAA	TGCCCTTCT	AGGCCAGGCG
117901	TOTIOGCT	TICACTITAG	CAACCCCAAC	CAGGCAGATC	ACTIGAGGIC
117051	ACCACTITIC	ACACCACTICT	CCCCAACTTG	CTGAAACTTC	ATCTCTACTA
117001	AGGAGIIIIG	AATTAGCTGG	COCCOMPCTIO	GIGAMELIC	AATOCAGO
11/901	AAAAIACAAA	AATTAGCTGG	ACAATCCCTT	CAACCACCTA	GGTGGAGGTT
11/321	ACICIGGAGG	CIGAGGAGG	AGAAIGGCII	CACCOTTOCTA	CACACCCAAA
118001	GCAGIGAGCI	GAGATCACAC	CALIGUALIC	CAGCLIGGG	GACAGOGAAA
118051	CCCCATCTCA	AATAAATAAA	IAMAIAMAIA	AAIAAAIAAA	TAMATAATG
118101	CCCCTTCTAG	i TTGAAAAACT	AAGTICCTAC	CTAAGCATAA	TTTGGATTTA
118151	. CCCAATTTAT	CITCITICAA	AATACCTCAA	ACATTTCACC	TTATTATTCT
118201	. TTTTAAGGAT	TACAAAGTAG	AGCAGGGGG	i aaataataaa	CCACTAATAA
118251	AGAATAATAG	CCATTTGACA	GACAGGTGTT	CTTAGTTTCA	TAAAAAAAA
118301	GATGCCTGGT	AGATTCAGTC	TTTTATGAAT	ACTAMAGMAT	GCCTCTTATT
118351	THEFTE	GGAGACAGGT	TCATTTTGAA	CCTAACCTGG	TGTTCTCAGG
118401	CAACATACCE	TAGAGGGGAG	AGATTTAGGA	GTGAGGGCTC	AAGCAAGAAG
110/01	CATCITACAA	CACTICCTICTA	GIGGICCO	TGAGGAGTGA	AAGGAATGGA
110501	ACTAAAATA	CATCACCAAC	CIRCOCOAA	GGAAACAACT	CTGAGAGATT
110001	ACIAWAIAL	. CAIGHGANA	TTCACTO	. 	TTGAAGAGGG
TIQSST	. IAGAAAGIAA	AICAICAGGA		ACICIIOGAI	CTACTOR
TTX(0)]	. AAAGGGAATA	AICIAGGIA	GCIGICAGII	ICIGUAIG	GTAGTTGGGC
118651	. Taacagtagi	GTATTAACTG	AAAIGGGGG	CAGGCAATTT	GTGAGGGTGA
118701	. GTTGAGTTCA	A GCACAGGGCC	. IGIIGACITI	GAGGIGCCTT	TGAAACAGGA
118751	. GTGGATATGT	CTAATTTTAC	ATGAAGTGTC	. TACTTAAGAG	AATGTGTAGA
118801	GACATTAACA	GGGCTGGGTA	GGAACACGGA	ATACCTCAGG	TGCCAAATGA
118851	AAACTITIGO	CAATAACAAG	AAGTTAGGAA	GTTGAAGAGG	GTAGAAGAGG
118901	CAGCAGAAAT	GTAGATGGAT	· AAGAACATGT	TGGCATGTTT	' AAGTGACATT
118951	GTGAATAAAC	CTGTCCTACT	GGGCCAGATC	GGATTAGGGC	TGAGATCAAA

119001					
	GCAGGCCTAA	TGCAGTTTGC	AGACGTGTTT	TGTTAGACTT	TTGTAGAGCT
119051	GGATCACACA	GTGTCTAAA	TTTAAATTAG	GTGCCAACAT	ΤΤΟΓΑΓΑΓΑΑ
	AATCCGGATT				
	TTTGGCAACA				
	CCTTTCTCTC				
119251	AGACATTTAA	ATTTTGTACT	\mathbf{m}	AATCCAGGCT	TATAAGTCAG
119301	ATGAATTTTC	TACTTCTGAG	ΤCΔΔΔGΑΤCΔ	GTAGGTAATA	AAGGTACAAA
110251	GATAGATTAG	CAACACATTA	CCACACCTT	TOTAL	TCTAACCACT
	GTAAATGTAG				
119451	GCCATATTTA	GGAGGATTAT	TCTGGACCAG	TATGAAAACA	CAGAAGTTAG
119501	GGAAAACAGT	TAATAGTTTT	GAAAGAGAAG	AGAAAAAGGA	GATGGTGTTG
119551	GGATACATAA	ATGGGTTTT	ΔΔΔΑΤΙΚΈΔΔΔ	ATGAGAAGTG	TTTTAAAGAG
	ATATCACCCA				
	TGTATTTGGT		+		
119701	GIGGIGIGG	GGACGGTGAT	TGTCAGGCAT	TATGGAAAGG	TCAAACAAAA
119751	TATGCTCACT	GGCTATCTAT	GGCCCACAGG	TCACTGTAGT	CTCTGTTATA
	AGTACACTAA				
	TAATACCTGA				
119901	ACACAGACAT	TITATTTAAT	CCTCGCAACC	AATTTCTGAA	GTAGGTACTT
119951	TTCCAATTTC	CATTTTACAG	ACAAAGAAAC	TGAAACCCTA	GAGGTTAAGA
120001	AGTTATCCAA	ACCCACAACG	CTGATAAGAA	CAGAACCAGG	ACTTGAACGC
	AAGCAGTCTG				
	CCCCTGCATT				
	GTAGAGGACC				
120201	GGGTGTCAAT	TTGGTCCAGG	TCCTCCTGGA	AGAAATAAAA	CTCCAGAATT
	GACCCTTGAA				
	GACCTTGAGA				
	ATGGATCAGT				
120401	TAAAAACTCT	TATAAACATG	CHITTI	TTTTTGGAGA	CGGAGTCTTG
120451	CTCTGTCGCC	CAGGCTGGAG	TGCAGTTGTG	CAATCAGCTC	ACTGCAACCT
	CTGCCTCCCG				
	GGATTACAGG				
	GAGATGAGGT				
120651	AGGTGATCCA	CCCACCTCGA	CCTCCCAAAA	TGCTGGGATT	ACAGGCGTGA
120701	GCCACCATGC	CCGGCCTTAA	AAATGCTTTT	AAAAATGAAA	ACTAAAACAT
	GITAATTITT				
			110010444	11/2/2/2/20	
	TAAATATTCA		AACTTCCAAC	CCTATAACAT	TECACACAAC
	TAAATATTGA	AATTTGGAAA			
120851	CAAATGCATT	AATTTGGAAA TGATGCAAAG	CCTCAAATTT	GTCAAGTTTT	TCTACCATAT
120851		AATTTGGAAA TGATGCAAAG	CCTCAAATTT	GTCAAGTTTT	TCTACCATAT
120851 120901	CAAATGCATT TCAGTGTGGT	AATTTGGAAA TGATGCAAAG TTCTTTCTCT	CCTCAAATTT TTGGCCTATA	GTCAAGTTTT GATGAAACAT	TCTACCATAT GTAAATGAAA
120851 120901 120951	CAAATGCATT TCAGTGTGGT GATTTCAAGA	AATTTGGAAA TGATGCAAAG TTCTTTCTCT TGAAAAAAAT	CCTCAAATTT TTGGCCTATA AAAGAGGTTG	GTCAAGTTTT GATGAAACAT TTCTCATGTG	TCTACCATAT GTAAATGAAA CATTGGOGTC
120851 120901 120951 121001	CAAATGCATT TCAGTGTGGT GATTTCAAGA ACTTCAGGAG	AATTTGGAAA TGATGCAAAG TTCTTTCTCT TGAAAAAAAT TTGGACGACT	CCTCAAATTT TTGGCCTATA AAAGAGGTTG GCTCTTTGGC	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC
120851 120901 120951 121001 121051	CAAATGCATT TCAGTGTGGT GATTTCAAGA ACTTCAGGAG TGGTGTGAAG	AATTTGGAAA TGATGCAAAG TICTTTCTCT TGAAAAAAAT TTGGACGACT AAGGTTTATC	CCTCAAATIT TIGGCCTATA AAAGAGGTTG GCTCTTTGGC TACAGGTACT	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC TTTTTTCCCC
120851 120901 120951 121001 121051 121101	CAAATGCATT TCAGTGTGGT GATTTCAAGA ACTTCAGGAG TGGTGTGAAG TATCAAAAAT	AATTTIGGAAA TGATGCAAAG TICITTICTCT TGAAAAAAT TITGGACGACT AAGGTTTATC TACTICTCATC	CCTCAAATTT TTGGCCTATA AAAGAGGTTG GCTCTTTGGC TACAGGTACT ACCCAATGTC	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC TTTTTTCCCC TACTTACATG
120851 120901 120951 121001 121051 121101	CAAATGCATT TCAGTGTGGT GATTTCAAGA ACTTCAGGAG TGGTGTGAAG	AATTTIGGAAA TGATGCAAAG TICITTICTCT TGAAAAAAT TITGGACGACT AAGGTTTATC TACTICTCATC	CCTCAAATTT TTGGCCTATA AAAGAGGTTG GCTCTTTGGC TACAGGTACT ACCCAATGTC	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC TTTTTTCCCC TACTTACATG
120851 120901 120951 121001 121051 121101 121151	CAAATIGCATT TCAGTIGTIGGT GATTTCAAGA ACTTCAGGAG TCGTIGTIGAAG TATCAAAAAAT CTTAAATTICT	AATTTIGAAA TGATGCAAAG TTCTTTCTCT TGAAAAAAT TTIGGACGACT AAGGTTTATC TACTCTCATC TTTTTTTCT	CCTCAAATTT TTGGCCTATA AAAGAGGTTG GCTCTTTGGC TACAGGTACT ACCCAATGTC TTCCTTTTTC	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG TTTTTGAGAT	TCTACCATAT GTAAATGAAA CATTGGGGTC ATTATGTGCC TTTTTTCCCC TACTTACATG GGAGTTTCCC
120851 120901 120951 121001 121051 121101 121151 121201	CAAATIGCATT TCAGTIGTIGGT GATTTCAAGA ACTTCAGGAG TCGTIGTIGAAG TATCAAAAAAT CTTAAATTICT TCTTATTIGCC	AATTTIGAAA TGATGCAAAG TTCTTTCTCT TGAAAAAAT TTIGGACGACT AAGGTTTATC TACTCTCATC TTTTTTTTCT CAGGCTIGGAG	CCTCAAATTT TTIGGCCTATA AAAGAGGTTIG GCTCTTTIGGC TACAGGTACT ACCCAATIGTC TTICCTTTTTIC TIGCAATIGGCA	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG TTTTTGAGAT CGATCTCAGC	TCTACCATAT GTAAATGAAA CATTGGGGTC ATTATGTGCC TTTTTTCCCC TACTTACATG GGAGTTTCCC TCTCCGCAAC
120851 120901 120951 121001 121051 121101 121151 121201 121251	CAAATIGCATT TCAGTIGTIGGT GATTTCAAGA ACTTCAGGAG TGGTIGTGAAG TATCAAAAAT CTTAAATTCT TCTTATTIGCC CTCCACCTCC	AATTTIGAAA TGATGCAAAG TTCTTTCTCT TGAAAAAAT TTIGGACGACT AAGGTTTATC TACTCTCATC TTTTTTTTCT CAGGCTIGGAG CGGGTTCAAG	CCTCAAATTT TTIGGCTATA AAAGAGGTTIG GCTCTTTIGGC TACAGGTACT ACCCAATIGTC TTICCTTTTTIC TIGCAATIGGCA GGATTICTCCT	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG TTTTTGAGAT CGATCTCAGC GCCTTAGCCT	TCTACCATAT GTAAATGAAA CATTGGGGTC ATTATGTGCC TTTTTTCCCC TACTTACATG GGAGTTTCCC TCTCCGCAAC CCCAGGTAGC
120851 120901 120951 121001 121051 121101 121151 121201 121251 121301	CAAATIGCATT TCAGTGTIGGT GATTTCAAGA ACTTCAGGAG TGGTGTGAAG TATCAAAAAT CTTAAATTCT TCTTATTIGCC CTCCACCTCC TGGGATTACA	AATTTIGAAA TGATGCAAAG TICTTICTCT TGAAAAAAAT TTIGGACGACT AAGGTTTATC TACTICTCATC THITTITTT CAGGCTIGGAG CGGGTTCAAG GGCGTIGTGCC	CCTCAAATTT TTIGGCTATA AAAGAGGTTIG GCTCTTTIGGC TACAGGTACT ACCCAATIGTC TTICCTTTTTIC TIGCAATIGGCA GGATTICTCCT ACCACACCAG	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG TTTTTGAGAT CGATCTCAGC GCCTTAGCCT GCTAATTTTT	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC TTTTTTCCCC TACTTACATG GGAGTTTCCC TCTCCGCAAC CCCAGGTAGC GTATTTTTTT
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120851 120901 120951 121001 121051 121101 121151 121201 121251 121301 121351 121401	CAAATIGCATT TCAGTGTIGGT GATTTCAAGA ACTTCAGGAG TGGTGTGAAG TATCAAAAAT CTTAAATTCT TCTTATTCCC CTCCACCTCC TGGGATTACA AGTAGAGATG CCTCAGGTGA	AATTTIGAAA TGATGCAAAG TICTTICTCT TGAAAAAAAT TTIGGACGACT AAGGTTTATC TACTCTCATC TITTTTTTCT CAGGCTGGAG CGGGTTCAAG GGCGTGTGCC GGGTTTCTCC TCTGCCCGCC	CCTCAAATTT TTIGGCCTATA AAAGAGGTTG GCTCTTTIGGC TACAGGTACT ACCCAATGTC TTICCTTTTTC TGCAATGGCA GGATTCTGCA ACCCAGCAG ATGTTGGTCA TCGGCCTCCC	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG TTTTTGAGAT CGATCTCAGC GCCTTAGCCT GCTAATTTTT GGCTGGTCTT AAAGTGGCTT	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC TTTTTTCCCC TACTTACATG GGAGTTTCCC TCTCCGCAAC CCCAGGTAGC GTATTTTTT GAACTCCTGA AAATTCTTCT
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120851 120901 120951 121001 121051 121101 121151 121201 121251 121301 121451 121401 121451 121601 121651 121601 121651 121701 121851 121901 121851 121901 121851 122001 122051 122051 122001	CAAATIGCATT TCAGTGTIGGT GATTTCAAGA ACTTCAGGAG TGGTGTGAAG TATCAAAAAT CTTAAATTCT TCTTATTIGCC CTCCACCTCC TGGGATTACA AGTAGAGATG ACTAGAGTGA ATAAAAATGA AAGGACAAAA TGAAACAACA GTTTTCATCC ATAGTCATGT GTGTGTGTGA GGGGTGAGCA AGAACAGGTAA CATAGGAGTAA CATAGGAGTAA CATAGGAGTAA CATAGGAGTAA CATAGGAGTAAA CATAGGAGTAAA CATAGGAGAAG CATTGTGGAG ACAGAGAAGA ATGGAATAAA AGCAGCTTGG	AATTTIGAAA TGATGCAAAG TICTTICTCT TGAAAAAAAT TTIGGACGACT AAGGTTTATC TACTCITCATC TTACTCITCATC TTACTCITCATC TTACTCITCATC TTACTCITCATC TTACTCITCATC TCIGCCCGCC GGGTTICACG GGGTTICACG GGGTTICTC TCIGCCCGCC GAAATATTTT TTAGTTATTA ATTTCTTTIGT ATTIGCTTTTT GCAGATCCTG CTTTTCAGCT TAAACAAATG TTGAAGTGAC GTGAAACATG AGATAAAGCA GCCATAGCAA CAGAGTTAAAG ATGCTCCGAG ATGCTCCAG GTGACAATG AGATCAAC GCATAGCAA CAGAGTTAAAG ATGCTCCGAG ATGCTCCAAG GGGAGAATAG GAAGGGCGGT GAAAGGCAGG GGGAGAATAG GAAGGGCGGT GAAAGGCAGG GGGAGAATAG GAAGGGCGGT	CCTCAAATTT TTIGGCCTATA AAAGAGGTTG GCTCTTTGCC TACAGGTACT ACCCAATGTC TTICCTTTTTC TGCAATGGCA GGATTCTCCT ACCCACAGGA ATGTTGGTCA TCGGCCTCCC CTACAACATA GTTTGGGTTT TTTTGTGGTGG CTATGAAGAA TGCCCTTTGC TCTTTACTGC CTAATTCCAA TCCTTCATGC GTCTTGCAGC CACAGGCACC AGGTGAGGAC AGGTGAGGACAA GGATGTTATA TCGGATGGATT TATGTACATG	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG TTTTTGAGAT CGATCTCAGC GCCTTAGCCT GCTAATTTTT GGCTGGTCTT AAAGTGGCTT AAACATGAG AACTCCACCA TGTTTTTTTGG ATGTCTTATG AAATTGCTC CACACACTCT TCACCTAGTA ACAGTGGAAT ATGCATCTGA CACAGTGTAA CACATGGGAAC CACATGGGAAC CACTTGGGAAAC TCTGGGAAAC CGGTTGGGGAAC CGGTTGGGGGAAC CGGTTGGGGGAAC CGGTTGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGAAC CGGTTGGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGGAAC CGGTTGGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGAAC CGGTGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGGAAC CGGTGGGGGGGAAC CGGTTGGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGGAAC CGGTTGGGGGAAC C	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC TTTTTTCCCC TACTTACATG GGAGTTTCGC TCTCCGCAAC CCCAGGTAGC GTATTTTT GAACTCCTGA AAATTCTTCT AAATTGGCAA AACCAGAATG TGTAGTTCTC AAATTGGTT GCAGATTCTC CAAATTGGTT CTCGTGTTTT GACAATCAAC GCTAAATGCT GCTAATGGTC AACGGGTTTTG GTCACTAGTG GTCACTAGTG GTCACTAGTG GATAAGGGA AACGGGTTTTG AACGGGTTTTGA ATGGACAGGA TGCAATCTAC
120851 120901 120951 121001 121051 121151 121151 121151 121201 121351 121401 121451 121401 121451 121601 121651 121701 121851 121801 121851 121901 121951 122001 122051 122151 122201 122251	CAAATIGCATT TCAGTGTIGGT GATTTCAAGA ACTTCAGGAG TGGTGTGAAG TATCAAAAAT CTTAAATTCT TCTTAATTCC TCGACCTCC TGGGATTACA AGTAGAGATG CCTCAGGTGA ATAAAAATGA ATAAAAATGA ATAAAAATGA ATAAAAATGA ATAAAAATGA ATAAAAATGA AGGGCAAAA TGAACAACA GTTTTCATTCC ATAGTCATGT GTGTGTGTGA GAGACATAA TCATGGGAGA CTAGATGAGT AAGGGCTGAG ACAGAGAGAC CCACTGTGAG ACAGAGAGAC CACTGTGAG ATAGAGTAAA AGCAGCTTGG TAGGAGTAAA AGCAGCTTGG TAGGAGTAAA	AATTTIGAAA TGATGCAAAG TICTTICTCT TGAAAAAAAT TTIGGACGACT AAGGTTTATC TACTCICATC TTATTTITTTC TACTCICATC TTATTITTTC CAGGCTIGAG GGGTTICAG GGGTTICAG GGGTTICAG GGGTTICTC TCTGCCCGCC GAAATATTTT TTAGTTATTA ATTTICTTTTT GCAGATCCTG CTTTTCAGCT TAAACAAATG TTGAAGTGAC GTGAAACATG AGATAAAGCA GCCATAGCAA CAGAGTTAAG ATGCTCCAG GGGAGAATAG GAAGGGCGGT TAAAGGATTTT GGGGAGAATAG GAAGGGCGGT TAAAGGATTTT TAAAGGATTTT TTAAAGGATTTT TTAAAGGATTT	CCTCAAATTT TTIGGCCTATA AAAGAGGTTG GCTCTTTIGGC TACAGGTACT ACCCAATGTC TTICCTTTTTC TGCAATGGCA GGATTCTCCC TACAACACAG ATGTTGGTCA TCGGCCTCCC CTACAACATA GTTTGGGTTT TTTTGTCGTGG CTATGAAGAA TCCCTTTACTGC CTAATTCCAA TCCTTCATGC GTCTTGCAGC CACAGGCACC AGGTGAGGAC AGGTGAGGAC CAGAGACAAA GCATGTTATT TATGTACATG TAAGCCAGAG TAAGCCAGAG TAAGCCAGAG	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG TTTTTGAGAT CGATCTCAGC GCCTTAGCCT GCTAATTTTT GGCTGGTCTT AAAGTGGCTT ACTTCTATAG TAAACATGAG AACTCCACCA TGTTTTTTGG ATGTCTTATG ATGTCTTATG AAATTGCCTC GATCATTGCT CACACACTCT TCACCTAGTA ACAGTGGAAT ATGCATCTGA CACAGTGGTAT ACACTGGGAA TCTGGGGAAC CACATGGGAAC CACATGGAAC CACATGGAAC CACATGGAAC CACATGGAAC CACATGGAAC CACATGGACATAA	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC TTTTTTCCCC TACTTACATG GGAGTTTCCC TCTCCGCAAC CCCAGGTAGC GTATTTTTT GAACTCCTGA AAATTCTTCT GCAGTTTTC AAATTGGCAA AACCAGAATG TGTAGTTCTC AAATTGGTTT CACAGTTTTC AAATTGGTTT GACAGTTTTC AAATTGGTTTT GACAATCAC GCTAATGGTC AACGGGTTTG GTCACTAGTG GTCACTAGTG GTCACTAGTG GTCACTAGTG GATAAGGGAG AACCCTCCCA AAATGTTTGA ATGGACAGGA TGCAATCTAC ATTGGGGTGG
120851 120901 120951 121001 121051 121151 121151 121201 121251 121301 121351 121401 121451 121601 121651 121751 121801 121851 121901 121851 122001 122051 122051 122001 122051 122001 122551 122001	CAAATIGCATT TCAGTGTIGGT GATTTCAAGA ACTTCAGGAG TGGTGTGAAG TATCAAAAAT CTTAAATTCT TCTTAATTTCT TCTTAATTTCT TCTTAATTCACA AGTAGAGATGA CCTCAGGTGA ATAAAAATGA AAGGACAAAA TGAAACAACA GTTTTCATCG ATAGTCATGT GTGTGTGTGA GGGGTGAGCA AGAACAGGTTAA TCATGGGAGA CTAGATGAGT AAGGGCTGAG ACAGAGAAGC CACTGTGGGAG ACAGAGAAGC CACTGTGGAG ACAGAGAAGC CACTGTGGAG ATAGAATAAA AGCAGCTTGG TAGGAGATAAA AGCAGCTTTGG TAGGAGCTATT CGGGGGTTGGG TAGGAGCTATT CGGGGGTTTGG	AATTTIGAAA TGATGCAAAG TICTTICTCT TGAAAAAAAT TTIGGACGACT AAGGTTTATC TACICICATC TTITTTTTC CAGGCTGGAG CGGGTTCAAG GGGTTCAAG GGGTTCACG GGGTTTCTC TCTGCCCGCC GAAATATTTT TTAGTTATTA ATTTCTTTTTTTTTT	CCTCAAATTT TTIGGCCTATA AAAGAGGTTG GCTCTTTIGGC TACAGGTACT ACCCAATGTC TTICCTTTTTC TGCAATGGCA GGATTCTCCC TACCAACCAG ATGTTGGTCA TCGGCCTCCC CTACAACATA GTTTGGGTTT TTTTGTGTGG CTATGAAGAA TGCCCTTTGC TCTTTACTGC CTAATTCCAA TCCTTCATGC GTCTTGTGCCC GTGTTGCAGC CACAGGCACC AGGTGAGGAC CACAGGCACC AGGTGAGGAC CACAGGCACC AGGTGAGGAC CACAGGCACC AGGTGAGGAC TATGTACATG TAAGCCAGAG TTTTTTGAGG TTAAGCCAGAG TTTTTTGAGG TTAAGCCAGAG TTTTTTGAGG TTAAGCCAGAG TTTTTTGAGG	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG TTTTTGAGAT CGATCTCAGC GCCTTAGCCT GCTAATTTTT GGCTGGTCTT AAAGTGGCTT ACTTCTATAG TAAACATGAG AACTCCACCA TGTTTTTTG AAAGTGGCTC CACACACTCT TCACCTAGTA ACAGTGGAAT ATGCATCTGA CAAGTGTGTA CACATGGGAA TCTTGGGGAAC CGGTTGGGGAAC CGGTTGGGGAAC CGGTTGGGGAAC CGGTTGGGGAAC CGGTTGGGGAAC CAGTGGGAAC CAGTGGGACATAA CAAGGTGTCA	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC TTTTTTTCCCC TACTTACATG GGAGTTTCCC TCTCCGCAAC CCCAGGTAGC GTATTTTTT GAACTCCTGA AAATTCTTCT GCAGTTTTC AAATTGGCAA AACCAGAATG TGTAGTTTTC AAATTGGTTTT CACAGTTTTC CACAGTTGTC CACAGTTGTTC CACAGTTTTC AAATTGGTTTT CACAGTTTTC GCTAATGGT GTCACTAGTG GTCACTAGTG GTCACTAGTG GTCACTAGTG GATAAGGGAG ACACTCCCA AAATGTTTCA AATTGGACAGGA TGCACATCTAC ATTGGGGTGG CTCCGTTTTCC
120851 120901 120951 121001 121051 121151 121151 121201 121251 121301 121351 121401 121451 121601 121651 121751 121801 121851 121901 121851 122001 122051 122051 122001 122051 122001 122551 122001	CAAATIGCATT TCAGTGTIGGT GATTTCAAGA ACTTCAGGAG TGGTGTGAAG TATCAAAAAT CTTAAATTCT TCTTAATTCC TCGACCTCC TGGGATTACA AGTAGAGATG CCTCAGGTGA ATAAAAATGA ATAAAAATGA ATAAAAATGA ATAAAAATGA ATAAAAATGA ATAAAAATGA AGGGCAAAA TGAACAACA GTTTTCATTCC ATAGTCATGT GTGTGTGTGA GAGACATAA TCATGGGAGA CTAGATGAGT AAGGGCTGAG ACAGAGAGAC CCACTGTGAG ACAGAGAGAC CACTGTGAG ATAGAGTAAA AGCAGCTTGG TAGGAGTAAA AGCAGCTTGG TAGGAGTAAA	AATTTIGAAA TGATGCAAAG TICTTICTCT TGAAAAAAAT TTIGGACGACT AAGGTTTATC TACICICATC TTITTTTTC CAGGCTGGAG CGGGTTCAAG GGGTTCAAG GGGTTCACG GGGTTTCTC TCTGCCCGCC GAAATATTTT TTAGTTATTA ATTTCTTTTTTTTTT	CCTCAAATTT TTIGGCCTATA AAAGAGGTTG GCTCTTTIGGC TACAGGTACT ACCCAATGTC TTICCTTTTTC TGCAATGGCA GGATTCTCCC TACCAACCAG ATGTTGGTCA TCGGCCTCCC CTACAACATA GTTTGGGTTT TTTTGTGTGG CTATGAAGAA TGCCCTTTGC TCTTTACTGC CTAATTCCAA TCCTTCATGC GTCTTGTGCCC GTGTTGCAGC CACAGGCACC AGGTGAGGAC CACAGGCACC AGGTGAGGAC CACAGGCACC AGGTGAGGAC CACAGGCACC AGGTGAGGAC TATGTACATG TAAGCCAGAG TTTTTTGAGG TTAAGCCAGAG TTTTTTGAGG TTAAGCCAGAG TTTTTTGAGG TTAAGCCAGAG TTTTTTGAGG	GTCAAGTTTT GATGAAACAT TTCTCATGTG CGGATTGCAG TTTTTACACC TCATTAAATG TTTTTGAGAT CGATCTCAGC GCCTTAGCCT GCTAATTTTT GGCTGGTCTT AAAGTGGCTT ACTTCTATAG TAAACATGAG AACTCCACCA TGTTTTTTG AAAGTGGCTC CACACACTCT TCACCTAGTA ACAGTGGAAT ATGCATCTGA CAAGTGTGTA CACATGGGAA TCTTGGGGAAC CGGTTGGGGAAC CGGTTGGGGAAC CGGTTGGGGAAC CGGTTGGGGAAC CGGTTGGGGAAC CAGTGGGAAC CAGTGGGACATAA CAAGGTGTCA	TCTACCATAT GTAAATGAAA CATTGGCGTC ATTATGTGCC TTTTTTTCCCC TACTTACATG GGAGTTTCCC TCTCCGCAAC CCCAGGTAGC GTATTTTTT GAACTCCTGA AAATTCTTCT GCAGTTTTC AAATTGGCAA AACCAGAATG TGTAGTTTTC AAATTGGTTTT CACAGTTTTC CACAGTTGTC CACAGTTGTTC CACAGTTTTC AAATTGGTTTT CACAGTTTTC GCTAATGGT GTCACTAGTG GTCACTAGTG GTCACTAGTG GTCACTAGTG GATAAGGGAG ACACTCCCA AAATGTTTCA AATTGGACAGGA TGCACATCTAC ATTGGGGTGG CTCCGTTTTCC

122401	COGGECTICAAG	CAATCCTCCC	ACCTCAAACT	CTGAGTAGA	TGGGACTACA
122451	GGTGCGTGCC	ACCATGCCTG	GCTAATTTT	ளாரு	TITITICIG
122501	TAGTAACAGG	जाखान	GTTGCCCAGG	CIRCICICA	ACTICITICAC
122551	TCCAACGATC	CACCCATTTC	AGCCTTCCAA	ACTICUTEGET	TTACAGGTGT
122601	GAGCCATGCC	CACCOTEAGE	Teletitat	AMAGATCAAT	TTOCCOTTCTC
122651	COTOGOGCT	CATCCCTCTA	ATCCCACCAC	TTTCCCACCC	TCACCCACCT
122701	ACATICACCTIC	ACCCCAACAC	ATCCCAGGAC	CACATECTEA	AACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
122/01	AGATCACCTG	AGGCCAAGAG	TTIGAGATTA	GACATGGTGA	AACCCCGICI
175/21	. CTACTAAAAA	IACAAAAATT	ATCCAGGCAT	GGTGGCACAT	TOCTGTAATC
122801	. CCAGCTACTC	AGCAGGCTGA	AGCAGGAGAA	TCACTTGAAC	CTGAGAGGCA
122851	. Gaggttacag	TGAGCTGAGA	TTGTGCCACT	GCACTCCAGC	CTGGGTGACA
122901	. Gagcaagact	CCATCTCAGA	GAAAAAAAA	AAATCAATCT	GGTAACTGTG
122951	AAGAGTGGAA	TGGAGTGGAG	GAGGGGACAA	GAGTTGAGAT	AGTCACAAAA
123001	GCCCACATAC	TGAATGATTC	CATTTATATG	AAGTGTCCAG	AATAGGAATC
123051	TCIGICICIT	TCCATAGAGA	AAGAAGGTAG	ATTIGIGGE	GTAGGGGTA
123101	GGGAAAGGAG	GGAATTGGGGA	GTAACTICCTA	CHARACTEC	TTICTICCCETA
123151	ATGAMATGT	TATAAAATTA	CATACTCATC	AAACTCACTG	AATTETECAC
123201	TTTAAGTGGG	TCAATTICAT	ACAATATCAA	TTATATCTCA	ATAAACCTAT
123201	TTTTAAAAAG	CCCACCCATTC	CCACCTCATC	CCATAATAT	CAACACTTA
123231	CCACCCTTAA	GUAGGAIG	GCAGCICAIG	CCAIAAIAI	CAACACITIA
153301	GGAGGCTGAA	GCAGGAGGAT	CACTIGAGGC	CAGTICGAGA	CAATCCTGGA
152221	ACCATAGTGA	GACCICATCI	CTACCAAAAA	ATTEANAMATE	TTTTAAGTTA
123401	GCCAGGCACG	GTGGCACATG	CCTATAGTCT	TAGCTATGCA	GGAGGCTGAG
123451	GTGGGAGGAC	TTTGAGCCTA	GGACTTTGAG	ATTACAGGGG	AGTATGGTCA
123501	TGCCACTGTA	CTCCAGCCTA	GGTGACAGAG	TGACACCATG	TCTCTAAAAT
123551	TTAGAGAAAA	AGAGTAGAGG	TCCAGGGACT	AGTTGGAAAC	TATATTAAAG
123601	TAGTCTAGGC	ATCTAGGCAG	GAAGAACCAA	GGCAGAGATA	CTGAGATCAA
123651	ATGGAATAAG	CTAGGGACAT	AGAGAATGAG	AATTTGATGA	AGCCACTTAG
123701	GCTGGATCTG	AGATTIGTGG	CTCAGGTAAT	GCAGTAGATG	ATTITICCAT
	CTTATCAAGA				
123801	TTTTAAATT	ΤΛΛΛΛΛΛΛ	TITCACCCAA	CTACTICC	CTTCCCCAC
123851	TGATGAGTTT	CTTTTTCCCA	7777777	CATCCCTCTA	CCAAACCCAA
123001	GTAGTGTTTA	CACCTCATCC	AACACTICTCC	ATAACACCCC	TETECETAA
123301	CACCOCTICTIC	COTTACCAAC	AAGAGICIGG	AIAAGAGGC	IGIGGGI IAA
124001	GAGGCCTGTG	ACCIONAL	CCIGIGGGII	IGGCALICAL	GGGCIGCAIG
124001	AAGTAAGTGG	AGGACTAAGG	AGATGGAAAG	GGAGTGGCCA	GATAGGCAGG
124021	GGGAAAACAG	GGATGAGAGT	GTTTCTAGGG	GCAGGAGTGG	TCAGCAGTGT
124101	CAGTAGCTAG	TGACAAAGAG	GCTGAAAGGT	TTTCATTGAA	TTTAGAATAG
124151	GGAGGCTATG	AGTGAGCTTA	CAGAGAATGG	TTTCTACAGG	TGCAGAAAAT
124201	TGATCATGAT	CATTTGAACA	AATGGAAATA	TAGACAACTT	TGTCCAAATG
124251	CTTGGCTGTG	GAAGGAAGGT	AAAGGCAAGC	CACAAGGGGG	GGTCTTAGGT
124301	TTTGAGGATT	AAGCCTGTCT	AATTATATTA	TACATGAGAG	GCAGTATTTG
124351	AGCAGGGCCT	TGAAAAAGAG	GTGAAATTTG	GACACAGGAA	AATGATTGGA
124401	AAAGGCATTA	CAGATAAAGT	TAACTTCCAT	TAATTGACTT	GAAGTAATAA
124451	CAGTCAACCA	TTTATTGAGG	ACTITICATIST	GCCAGACAAT	GAACTAAGGG
124501	CTCTACATGC	ATTATCTCAT	TEATTCTTCC	CCACCCTT	TAAGAGAGAA
124551	GGTACCATTG	TTATTTCAC	TTAGAGATGT	CAACACTICAC	CAACTICACAC
124601	GCTACCTCAC	TETERETE	TOTOTOTATA	CACCITICAC	CACTICACACC
124651	ACAGTCTGGT	CACACACCTA	CAACCAACTC	AACACACTEC	CAGICACAGG
12/701	CCTTTTAAAA	ATCTATTAT	TOTATOATOA	AAGAGAGIIG	GIAAIGIGCI
124701	GCTTTTAAAA	AIGIAITIAI	IGIAICAIGA	ICACTTIGIC	AGIACITCAC
124/3L	TGTGGACATC	CICATCIAAC	ATTIAGITIT	GITCICIAGI	GTCAAGGGAG
1240UL	CCCTCTAATG	GACAITIAIT	GLACIACAGA	CITICAGCIT	ICATACATTC
124651	AAAAATTGAG	icaciaciai	GCCCCAAGCA	CCAGCTCAGA	TIGCTIGTTAGG
124901	GTGATGCAAA	CAAGACAGAC	ATGGTCCCTG	AGTTCCTAAA	GCAAGCCTGA
124951	GGCAGGAAGA	AGCCGAATGT	GTGTGGAAAC	CCAAGAAGAT	GGGGAAAGTG
125001	GCATGGGAAG	GGACTGGAAA	GTTAGAGTGG	GTCAGATTAG .	ACAGAGOCTT
125051	GAAAGCCAGG	atgaagac '	TITIGCTTTAA	GAGTAGTGGA	TTTTGGCCGG
125101	GCGCAGTGGT	TCACGCCTGT	AACCCCAGCA	CTTTGAGAGG	CCAAGGCTGG
125151	CGGATCACGA	GGTCAGGAGA	TOGAAACACA	GTGAAACCCC	ATCTCTACTA
125201	TAATTACAAA	AAATTAGCCA	GCTTGGTGG	CACGCGTCTG	TAGTCCCAGC
125251	TACTGGGGAG	GCTGAGGCAG	GAGAGTICGCT	TGAATCTGGG	AGGCAGAGGT
125301	TGCAGTGAGC	CGAGATCCCA	CTACTICACT	CACCUTAGE	TGACAGAGTG
125351	AGACTCCGTC	ΤΓΔΔΔΔΔΔΔΔ	ΔΔΔΔΔΔΛΛΛ	VCICCVCTT.	TIGHTICACCA
125401	CGTAGGTCTG	ATTTICTTE	TAAACTCACT		1011001004
125451	GGATGGATTA	CACCCACCCA	**************************************	CAACACCCCA	CCAACACCTC
125501	TTACCACATC	PURETRA	CCACCTCAC	CATCATCA	TATTE COMMENT
135551	TTAGGAGATC	ACTICATION	TATTE TATE	GATGATGGAC	TATOSCALA
1256V1	TAATAGATAA	AGICAIGAIA	IAITIIAIAT	AICAGCATTT	IATICAAAA
125CC2	CAATGTTTGA	AUGICUICT .	ACCCIAGATA	GGGCAGACAG	ATTATCTGCA
TC302T	ACATTTTTGG .	AGCACATTTT .	AATACCTGAC	IGITICCAGT A	AATTTACAAA
TC2\0T	AGAAAATATA	GCCTTTCCTA	ACTIGICCCA	IGITGGICIG	CAGTTACACA
125751	GCAGTAAGTT .	aaaagitagt .	ATTGGGGGTC	AMATATTICA (CTTTAGATGA

125801	AAGTTTAGCC	ACAATCTGGC	TTCTGTTAGG	CCTTATCTAA	TTTTTGCATC
125851	CAAATGTAGA	GCATOGTTTG	TGGCACCCAG	TAGCACATGC	TGAGTCACAG
125001	GTGTGACAGC	TICCATTTICAA	ACAACCCTGA	CAACGAGAAA	GAAAGCCCTT
	CAGTGTGTCC				
	CACAGCGGCA				
126051	TCGTTCCCTT	ATTCACTACC	TCCTCTCTCT	CCTTTTCAT	GCCTTCCTTG
126101	CCCCAACATC	CCAAACACAC	AGTGGGTTT	TIGATICTIG	GCTCTTCTCT
126151	GCTGCAGTTG	ACTICACCTIC	TOCCIONITIO	TOTTOTT	TTTCTTCATC
150131	GCTGCAGTTG	ACIONOCIC	100CIGITIG	1100110011	ATTOTOTIC
	CCTGGCTCTC				
126251	GCTTACCTTC	TTTCCATTCA	गाउदाउदादा	GTTTCTCAG	ACATACCTGC
126301	TCCCTGCTTT	CATCTTTCAA	CTTCTTGGGG	CTGTGACAAC	TCTTCCCTCT
	TTGTCCCCTG				
126401	GACACAGACA	CACTICATAC	CCCTCCCCA	TOTACIT	TCACATCATC
120401	GALALAGALA	CACTICATAG	CCICCICA	CONCIACIO	CCCTCCCCC
	GTAATCCCTA				
126501	TGAGAAGCCA	GTTCACCCCA	GTTCTACCAC	CAACTTGAGA	atcagcagag
126551	GCTGTGGTG	AGGATTCTTG	GTGGCAGGTT	ATGTAAAGTG	CCTAGCCCAG
	ACTGGATGAT				
	AATACTGAAA				
	GGGTCTAATC				
	GAATTTATCT				
126801	AGGTCCTGGG	TCCCAGGTGT	TTTCAACCTA	ATAATTCTAA	ATATTGAGTG
126851	GTTGGTTGCA	GTAGCTTATG	CCTATAATCC	CAGCGCTTTG	GGAGGCCAAG
	GCAGAAGGAT				
	GTGAGACCTC				
	CTACACCTGT				
127051	GAGCTGGGGA	GGTTGAGGCT	GCAGTGAGCT	GTGATCATGC	CACTGCATAC
127101	CAGTCTGGGT	GGCAGAGTAA	GACTITIGTCT	CAAAAAAATA	AAAAAAAA
	AAAAAATGCT				
	TGCATTACGT				
	AGAATATATA				
127301	TTTTACTATT	TICTIMATCT	TATAGGCCTG	TGTTTCTAGT	CACCATTAAA
127351	TTACTACAGA	THGGHH	TAATGTAATA	TATAAGTGTT	TTGGAAGGGT
	GAGAATATTT	CAAAGGGTTG		CTGTGTATGA	
				CTGTGTATGA	
127451	AACTTGGAAT	TTAGATCACT	TITICCATTIGT	GTCATATTTC	TCTGTGACAT
127451 127501	AACTTGGAAT GGACATATTG	TTAGATCACT AAGCATGGAC	TTTCCATTGT ATCATGTCCA	GTCATATTTC TGCACATAAA	TCTGTGACAT GCAGACAACC
127451 127501	AACTTGGAAT	TTAGATCACT AAGCATGGAC	TTTCCATTGT ATCATGTCCA	GTCATATTTC TGCACATAAA	TCTGTGACAT GCAGACAACC
127451 127501 127551	AACTTGGAAT GGACATATTG	TTAGATCACT AAGCATGGAC ACACATGTGC	TTTCCATTGT ATCATGTCCA ACAGGAACGC	GTCATATTTC TGCACATAAA TCTGGAAGGA	TCTGTGACAT GCAGACAACC TGCAAACCGA
127451 127501 127551 127601	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG
127451 127501 127551 127601 127651	AACTTGGAAT GGACATATTG CAGACACAC ACTGTTAAGT AGAAGAGGTT	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATATAT	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA
127451 127501 127551 127601 127651 127701	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGTAT TATTCATGAG	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT	TCTGTGACAT GCAGACCAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA
127451 127501 127551 127601 127651 127701 127751	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATATAT TATTCATGAG ATCAGTCTGC	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT
127451 127501 127551 127601 127651 127701 127751 127801	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATATAT TATTCATGAG ATCAGTCTGC AGTGTTGCTC	GICATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT
127451 127501 127551 127601 127651 127701 127751 127801	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATATAT TATTCATGAG ATCAGTCTGC AGTGTTGCTC	GICATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT
127451 127501 127551 127601 127651 127701 127751 127801 127851	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGCC	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATATAT TATTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG	GICATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG
127451 127501 127551 127601 127651 127701 127751 127801 127851 127901	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGCC TAAGCTATTT	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC CCAAAGTAGT	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATATAT TATTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAAT	GICATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT ACTTAACAAC	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG TTCCCAGCCT
127451 127501 127551 127601 127651 127701 127751 127801 127851 127901 127951	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGCC TAAGCTATTT AAGTAAATGA	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC CCAAAGTAGT TCAGAGGCTC	TTTCCATTGT ATCATGTCCA ACAGGAGGTGA TTTCATATAT TATTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAAT CGTACTCAGT	GICATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT ACTTAACAAC CTCATCTAGA	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG TTCCCAGCCT CTGTGGCACCT
127451 127501 127551 127601 127651 127701 127751 127801 127851 127901 127951 128001	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATTGAC CAGGTAGAAT TACATTTGAC TAAGCTATTT AAGTAAATGA GGGTGTGAAC	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC CCAAAGTAGT TCAGAGGCTC GTATCAAATG	TTTCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGATAT TATTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAAT CGTACTCAGT CATGTTTCTC	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT ACTTAACAAC CTCATCTAGA CATCAGGCAG	TCTGTGACAT GCAGACACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTATCAAATG TTCCCAGCCT CTGTGGCACT AAGTGAGAGT
127451 127501 127551 127601 127651 127701 127751 127801 127851 127901 127951 128001 128051	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGCT TAAGCTATTT AAGTAAATGA GGGTGTGAAC AACCATGTGC	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATACT TCAAAGTAATC TCAAAGTAGT TCAGAGGCTC GTATCAAATG CATGGAGAAG CATGGAGAAG CATGGAGAAG CATGGAGAAG CATGGAGAAG CATGGAGAAG CATGGAGAAG	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGATAT TATTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAAT CGTACTCAGT CATGTTTCTC GTTGACAGAC	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT ACTTAACAAC CTCATCTAGA CATCAGGCAG TCCCTGTGAA	TCTGTGACAT GCAGACACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG TTCCCAGCCT CTGTGGCACT AAGTGAGAGT GCACTTCGAA
127451 127501 127551 127601 127651 127701 127751 127801 127851 127901 127951 128051 128051 128101	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGCC TAAGCTATTT AAGTAAATGA AGGTGTGAAC AACCATGTGC GTGACACTGG	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC CCAAAGTAGT TCAGAGGCTC GTATCAAATG CATGGAGAAG CCTCTGTGTG	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAAT CGTACTCAGT CGTTGACAGAC CTTCAGAAGA CTTCAGAAGA	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT ACTTAACAAC CTCATCAGGCAG TCCCTGTGAA ATCCAGCAC	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG TTCCCAGCCT CTGTGGCACT CTGTGGCACT CAAGTGAGAGT GCACTTCGAA CTGCTGTGGA
127451 127501 127551 127601 127651 127701 127751 127801 127851 127901 127951 128051 128051 128101	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGCT TAAGCTATTT AAGTAAATGA GGGTGTGAAC AACCATGTGC	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC CCAAAGTAGT TCAGAGGCTC GTATCAAATG CATGGAGAAG CCTCTGTGTG	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAAT CGTACTCAGT CGTTGACAGAC CTTCAGAAGA CTTCAGAAGA	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT ACTTAACAAC CTCATCAGGCAG TCCCTGTGAA ATCCAGCAC	TCTGTGACAT GCAGACACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG TTCCCAGCCT CTGTGGCACT CTGTGGCACT CAGTGAGAGT GCACTTCGAA CTGCTGTGGA
127451 127501 127551 127601 127651 127701 127751 127801 127851 127901 127901 128051 128051 128101 128151	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGCC TAAGCTATTT AAGTAAATGA GGGTGTGAA GGGTGTGAA GGGTGTGAA GGGTGTGAA GGGTGTGAA GGCTGACATT GCCTGACATT	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC CCAAAGTATC CCAAAGTAGT TCAGAGGACT GTATCAAATG CATGGAGAAG CCTCTGTGTG TTCCTTTAGT	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGATAT TATTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAAT CGTACTCAGT CATGTTTCTC GTTGACAGAC CTTCAGAAGA TTGTGATGGG	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT ACTTAACAAC CTCATCTAGA CATCAGGCAG TCCCTGTGAA ATCCAGCCAC CCAGCAGAAC	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG TTCCCAGCCT CTGTGGCACT AAGTGAGAGT GCACTTCGAA CTGCTGTGGCACT TCTGTGGCACT TCTGTGGCACT TCTGTGGCACT TCTGTGGCACT TCTGTGGCACT TCTGTGGCACT TCTGTTGCCA
127451 127501 127551 127601 127651 127701 127751 127801 127851 127901 127951 128051 128051 128101 128151 128201	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGCC TAAGCTATTT AAGTAAATGA GGGTGTGAA GGGTGTGAA GGGTGTGAA GGGTGTGAA CACCTGG GCCTGACATT ACTGTTTTCT	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC CCAAAGTAGT TCAGAGGCTC GTATCAAATG CCTCTGTGTG CTTCCTTTAGT GTCCTGGGTG GTCCTGGGTG	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAAT CGTACTCAGT CATGTTTCTC GTTGACAGAC CTTCAGAAGA TTGTGATGGG CCTAGCCAGA	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT ACTTAACAAC CTCATCTAGA CATCAGGCAG TCCCTGTGAA ATCCAGCAC CCAGCAGAAC GGTTCTGAAA	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG TTCCCAGCCT CTGTGGCACT AAGTGAGAGT GCACTTGGAA CTGCTGTGGCAC TCTGTTGCCA GTCTGGAGAC GTCTGGAGAC
127451 127501 127551 127601 127651 127701 127751 127801 127851 127901 127951 128001 128051 128101 128151 128201 128251	AACTTGGAAT GGACATATTG CAGACAACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGCC TAAGCTATTT AAGTAAATGA GGGTGTGAAC GGGTGTGACACTGG GCCTGACATT ACTGTTTTCT TTTATATTGG	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC CCAAAGTAGT TCAGAGGCTC GTATCAAATG CATGGAGAAG CCTCTGTGTG TTCCTTTAGT GTCCTGGGTG CTAAACTTTA	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAAT CGTACTCAGT CATGTTACT GTTGACAGAC TTTCAGAAGA TTGTGATGGG CCTTCAGAAGA TTGTGATGGG CCTAGCCAGA GGAACGTCAA	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCCAT GGTATATACT ACTTCAACAAC CTCATCTAGA CATCAGGCAG TCCCTGTGAA ATCCAGCAGCAC GGTTCTGAAA TTACATGTCT	TCTGTGACAT GCAGACAACC TGCAAACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG TTCCCAGCCT CTGTGGACACT AAGTGAGAGT GCACTTGGAA CTGCTGTGGCA GTCTGGAGAC ATCTCCAAGA
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127451 127501 127551 127601 127651 127701 127751 127801 127851 127901 128051 12801 128101 128151 128201 128251 128301 128351 128401 128451 128501 128551 128601 128551 128701 128751 128801 128751 128801 128951 128901 128951	AACTTGGAAT GGACATATTG CAGACACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATGAC CAGGTAGAAT TACATTTGC TAAGTAAATGA GGGTGGAAC ACCATGTGAC AACCATGTGC GTGACACTGG GCTGACATT ACTGTTTTCT TTTATATTGG TGCCTTCTTT AAGATTACTTT AAGATTACTTT AAGATTACTTT TAGACACT TAACAAGTAT ATATAGACAT TAGGAGAAAA TGCTGTGTTT TTCATCTTTC GGATCAATC ATATAGGAA TTAGGTACACAT TAGGTACACAT TAGGTACACAT TAGGTACACAT TAGGTACACAT TAGGTACACAT TAGGTACACAT TAGGTACACAT TAGGTACACAT TAGGCTACACAA AAGAATAGAT AAAATTTTAC	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC TCAAAGTATC CCAAAGTAGT TCAGAGGCTC GTATCAAATG CATGGAGAAG CCTCTGTGTG TTCCTTAGT GTCCTGGGTG CTAAACTTTA TATTCAGGTG AGCAAACCT AATGCAAACCT AAGCAAACCT TAATCATGAAACCT AAGGAGCCT GAGAGCAAGT ACACTGAGTC TAAGGTACAGT TCTGGGTACT TCTGGGTACT TCTGGGTACT TCTGGGTACT TCTGGGTACT TAAGGTGGAA GTGTAAATTT ATTTAAATAA	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGATAT TATTCATGAG ATCAGTCTIGC AGTIGTTGCTC TTTGGGATGAG AAATCCAAAT CGTACTCAGT CATGTTTCTC GTTGACAGAC CTTCAGAAGA TTGTGATGGG CCTAGCCAGA GGAACGTCAAT ACAGCTCATT AAACTGACAA AGGTTAATACT TTTAAAAGAT CCAGCATCAC GAGTGATGAA ATGTGCTCCT CTCACGAGCC AACATCTGCT GAAGCAAAGT CTACAGAGCC CTACATAAAT	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCAT GGTATATACT ACTTCAGCAGCAG CCTCATCTAGA CATCAGCAG TCCCTGTGAA ATCCAGCAG TCCCTGTGAA ATCCAGCAG TCCCTGTGAA TTACTTGAAA TTACATGTCT TTTCTCTTGT TTCTCCAGCA AGGAATCTTT TTCTATAGCC CCTTAAAGAA TAAGTGTCAG TACTGGAATC TGTATGTAAT CAGATCAGTA GCATTGAACC TGTGTGCCCAG TCACCTACTT GGGAAAGAGC TCACCTACTT GGGAAAGAGC ATTTTTCTGA AAGTCTTAAA CATTGCCTAA	TCTGTGACAT GCAGACACC TGCAGACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTAGCATTT TTAGCATTT TTAGCAGTC CTGTGGCACT CAGTGAGAGT GCACTTCGAA CTGCTGTGTG TCTGTGGCACT AAGTGAGAGC ATCTCCAGG TCTGTGGCACT ATGCTCTCT TGTTCTCATG TGTACTATTA AACAAAAGCA TGCCAGAGC TAACCAGAGC TAACCAGAGC TAACCAGAGC TAACCAGAGC ACTACAGTTTA TTTGATGCCT TGCTACTATGT GCACTCCCACT ACCACACAGAGC ACCTCCACAT ATCACTACAG GAAAATGAA TTTTAATAAG
127451 127501 127551 127601 127651 127601 127751 127751 127801 127851 128001 128051 128101 128101 128201 128301 128301 128301 128401 128451 128401 128551 128601 128551 128701 128701 128851 128801 128851 128801 128851 128901 128951 129001 129051 129051	AACTTGGAAT GGACATATTG CAGACACAC ACTGTTAAGT AGAAGAGGTT GGTTTGAATT TATTAATTGAC CAGGTAGAAT TACATTTGAC TACATTTGAC TACATTTGAC TACATTTGAC CAGGTAGAAT TACATTTGC GTGACACTGG GCTGACATT ACTGTTTTCT TTTATATTGG TGCCTTCTTT AAGATTCTTT AAGATTCTTT AAGATTCTTT AAGATTCTTT AAGATTCTTT AAGATTCTTT AAGATTCTTT CGGTCATTT TACACACT TACAAGTAT TAGGAGAAAA TGCTGTGTTT TTCATCTTTC GGATCAATCT ATAGTTTTCC ATATTAAGGAA ATTAAGCAAA AAGAATAGAT TAGCCAGAT TAGCCAGAT TAGCCAGAT TAGCCAGAT TAGCCAGAT TAGCTACAAA AAGAATAGAT	TTAGATCACT AAGCATGGAC ACACATGTGC GTTGATTCCT GTAGGAAGAC TTAAAAAATA TTTCCTATCC GAATTGGATC TAAAGATATC CCAAAGTAGT TCAGAGGCTC GTATCAAATG CATGGAGAAG CCTCTGTGTG TTCAGAGGCTC GTATCACATG CATGGAGAAG CCTCTGTGTG TTCCTTAGT GTCCTGGGTG CTAAACTTTA TATTCAGGTG AGCAAACCT ATTGGGAAAAC AACTCATAGA TATTATTTTA CTAAACTGTC TAAGGAGCCT GAGAGCAAGT ACACTGAGTC TTATTCTGGG GAGCGTCGGC TAGGTACATT TCTGGGTAGTT TCTGGGTAGTT TCTGGGTAGTT TCTGGGTAGTT TCTGGGTAGTT TAAGGTTGGAT ACTTAAATTAA AGTTGAAATTT ATTTAAATTAA AATATAGCTT	TTTCCATTGT ATCATGTCCA ACAGGAACGC GAGGAGGTGA TTTCATGATAT TATTCATGAG ATCAGTCTGC AGTGTTGCTC TTGGGATGAG AAATCCAAGT CATGTTTCTC GTTGACAGAC CTTCAGAAGA TTGTGATGAG CATGTTTCTC GTTGACAGAC CTTCAGAAGA TTGTGATGAG ACACTCAGT AAACTGCAGA CAGCTCATTA ACAGCCAGA AGGTTAATATT ACTGGCTTAT GTGAATTATTT ACTGGCTTAT GTGAATTATTT ACTGGCTTAT GTGAATTATTT ACTGGCTTAT GTGAATTCCT TTTAAAAGAT CCAGCATCAC GAGTGATGAA ATGTGCTCCT CTCACGAGCC AACATCTGCT GAAGCAAAGT CTACATAAAT GAATGGAGAA	GTCATATTTC TGCACATAAA TCTGGAAGGA ATGGGCATGG TACTGTGTAC TTACTTTTGT CTAAGCTTCC CATTTTCAT GGTATATACT ACTTAACAAC CTCATCTAGA CATCAGCAG TCCCTGTGAA ATCCAGCAG TCCCTGTGAA ATCCAGCAG TCCCTGTGAA TTACATGTCT TTTCTCTTTG TTCTCCAGCA AGGAATCTTT TTCTATAGCC CCTTAAGGAA TAAGTGTCAG TACTGGATC TGTATGTAAT CAGATCAGTA GCATTGAACC TGTATGTAAT CAGATCAGTA GCATTGAACC TGTATGTAAT CAGATCAGTA AGGACACT TGGGCACAG ATTTTTCTTCAAA AAGTCTTAAA CATTGCCTAA AAGGACAACT	TCTGTGACAT GCAGACACC TGCAGACCGA GTTGAGAGTG ATTTCTCTAA AATGTAGAAA TCTTCCGGTT TTTAGCATTT TTATCAAATG TTCCCAGCCT CTGTGGCACT CAGTGAGAC AGCTACAGTT ATGCTCTCAGA AGCTACACTT ATGCTCTCATT TGTTCTCATG TGCCAGAGC ACTAAGTTTA TTTGATGCCT TGCTATATGT GCACTCCACAT ATCACTACAG GAAGATACTTA ATCACTACAG GAAGATACTTA ATCACTACAG TGCAGTCAGG

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	ACAAAAAAGT				
	GGGAGGCTGA				
129401	. TGAGTCGAGA	TOGOGCCACT	GCACTCCAGC	CTGGGTGACA	GAGCAAGACT
129451	CCATCTCAAA	AAAATAAAAA	AAATAAAAA	AAGAAATATT	ATGCTCAAAA
129501	TATATAGCAA	TAAGTTGGAA	ACTITIACTI	GAATAATTTT	TACAAAACTG
129551	ACCAAAGAAC	AAAAACGTGA	AGAGGCCAAG	TTCCAAGACT	CATGITATGT
	AAATTGTTCT				
	AGCCAAGTAC				
	AGAGCTGGTT				
	GTTAAAAAA				
	AAATATGAAG				
129851	ATAATTACAG	TGGCATGGTT	GGGAATGTTT	GGTCTATAGT	TTTAACAATT
	AAATCCATTG				
	TCTGGAGTTT				
	TGTTTATCTC				
	AAGAATATTA				
	TGGGAGGCCA				
	CTGGGCAACA				
	GGCATAGTGG				
	TTTGAGCCCA				
	TTCCAGCCTG				
	GITTATCTAC				
130401	CTTGTTAATT	TCAAACCCTT	TTCTACATTT	TGATTTATCT	TTAAATCTCT
130451	TITIGICICA	ATAAATGGGA	AGTATCAGGA	AGTCTTTTA	CTTGCTCAAG
	GTCATAGAGA				
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	GCTTGTGCTG				
	AACAAAAGTC				
	GAAGTGCTAG				
130751	пппппп	GAGAGGGAGT	CTCACACTGT	CGCCCAGGCT	GGAGTGCAGT
130801	GGGGGGATCT	CGGCTCACTG	CAAGCTCCGC	CIGCIGGGIT	GACGCCATTC
130851	TCCTGCCTCA	GCCTCCGAGT	AACTGGGACT	ACAGGCGCCC	ACCACCACGC
130901	CCGGCTAACT	пини	TTTTGIATT	TTTAGTAGAG	ACGGGGTTTC
130951	ACCGTGTTAG	CCAGGATGAT	CTTGATCTCC	TGACCTCGTG	ATCCGCCCTC
131001	CTCAGCCTCC	CAAACTGCTG	GGATTACAGG	CGTGAGCCAC	CGCCGCCCAGC
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131151	AAAAGAACTA	ACCCAATATG	AAACAGTTTT	CAGGAGCATG	TTTCCTATTT
131201	TGGTGTCAGT	GGACCACTTG	TGTTAMGTT	GTGAAAACCA	ACACTCCTGA
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	GTGGCTGCCC				
	GTGTGCTAGT				
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	GAGGGCACCC				
	CTCTCCCAGC				
131601	CACCTCATAA	ACTICITATE	ACCATCACCA	CTCACATAAT	CAATICTAAAC
131651	TGCTTACAAC	AATTCCTTTCCC	ACTITICATA	CACTAAATAA	ATCATACTTC
121701	CTATTATATG	CATACTITICA	AAAAAACCTCA	TOCTATA	ANTITUTE
131751	GCTGACTAGT	GAATTGTTCA	GITTIGIG	TIGHT	AAIIIIII CI
131801	GTTTGAGACG	CACTURE	CICIONO	CCTCCACTC	CACTICCCATC
131851	ATCTOGGCTC	ACTICAACCT	CIGICOCCA	CATTCACCCC	ATTICTICCTIC
131901	CTTAGCCTCC	CEACTACCTE	GGATTACAGG	GALLOAGGC	CACCCCCCCCC
131051	TAATTTTTT	GTATTTTAG	TAAAGAGGG	GECOGO	CTTACCCACC
132001	ATGGTCTCGA	TCTCCCGACC	TCATGATCTG	CCACCTICS:	CCTCCCAAAG
132051	TGCTGGGGTT	ACAGGCATGA	CCACCETTC	CCCCCATCA	ATEGITICAGE
132101	TTTAACAGGT	TCTGTGCCTT	AAAAAAGTTA	TTAAATTGAC	Transcor
132151	TTTTTGTAC	CCATCATACT	TIGAATATAT	AACTACCCA	CCATATAAAC
132201	ACTICACTIG	CACTTATTTA	TTTAAATGTC	CATCTTTCCA	TAACCCAAGG
132251	GTAGGAACGA	AATCTTATTC	ATTGTTGAAA	CCTCTAGCAC	ATACCACACT
132301	GCCTACCAAA	TAGTAGGCAA	AATCAGGTGT	TCAATTCTAT	TAACTACTCT
132351	AACACTGAAC	TGAAAGTGTT	CAATGGCTCA	ATATAATA	ATAAGCCTTA
132401	ACTICTGGGGT	GCTTAAATTT	ATCTATAATC	TCTGCCAGTG	AAGTATACAT
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132501	GAGCACTGAC	CAGATACAGG	ATCCTTAAAC	TTCATAATAT	CTAGTCCAAA
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132601 GGGAGGGAAA TTAAATATAT AAAAAGTCAT TTTCGGCCAG GCGCTGTGGC
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132751 ACTAAAAATA CAAAAATTAG CTGGACTTTG TGGTGCTTGC CTGTAGTCCC 132801 AGCTACTCAG GAGGCTTAGG CAGAAGAATT GCTTGAACCT GGGAAGCGGA
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133501 TATGTIGGCC TTACTGGTAA CATTTTTAAT AAGACTAGCT ATTAAACAGT 133551 ATGTTGAATT TGCTGAAGAG TCCCTCTTAT CCTTACTGGC AGCTAAAACA
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136251	TGAGATGTCT	GAATCAGTCC	TETECCHIAT	CTAGACCCC	TACAGAGCCA
	CACTIGITET				
136361	GACAAACTGG	CCTCCTATICA	TCTCCCATTC	TACCTICATION	CACTICOCTOC
	CCTTATTGGA				
	AGCAAAGAGA				
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136701	TAGAACCCTT	ATCACTAGAA	GAACCATITT	CTGCCACTAA	ATATCTCTGA
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136801	AAAGTCACAT	ATTGTGAAAA	TTTGAAGCTA	TCTCAGTAAA	AAGCAGCTTT
136851	GGAAACTGTG	AATGATCTTT	AGCTTGTACA	AATGTTTAAA	AATACCTCAG
136901	GCTATACTGA	AAGGGTTIGCA	GTTGGTTAG	GAGTIGGAAAT	ATTITIGITIE
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	TGGAAACTTT				
137051	ACCTAGACCT	CAACTICTATIC	TTAAACTICC	TTTCTCTC	TTAAATAACC
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12/101	TATGATATTA	AGAIATICIG	ACTIGCTOCA	GIGICAGGG	CAAAACCATC
T3/12T	AGCAGGTGCT	AACATAGIGI	ICAGAAICAA	IAIGIGAGAI	GAMMOGAIC
13/201	CCCTCCAGGA	GGATCCTGAG	CIGTICAGAA	AICAITIAAG	ITIACAGOGI
137251	тоттосспт	GOGTTTGCAG	TGCGTTTTAC	TCAAGTAGCC	AGAVACACCE
137301	CACGTTTCTG	AATTIGITTA	AACTGTAACA	ATAMAGTAMA	ATAGAATIGCA
	TGAAAGATAT				
137401	TGTTGGCACT	AGAACCTGAT	ATTTAAACAA	AGTCTTACTG	AGCAGCTATC
137451	AAGTGGCAGT	TACAGGCACA	AATTGGTGGA	GGCTGGAGGA	TGGGGAGGG
137501	AGCAAAACCC	TITATATTIG	TGAAGAAAAT	ATCTGTAGCT	GATAGAAATA
137551	ATTICCTTAAA	TTGGTTTATG	AAATTAATGA	GTCTGAAAAG	GTTAAAAGCA
137601	CTTATAAAAA	GAACCAAGTC	CTACATTTCC	AGAACTTTCT	GGCAAAAATT
	TGCACTCATA				
	TTTATATACA				
137751	AAACCAAAGT	CATICOCATICA	CCCATACTCA	TITACAAAAA	CAAGAACACT
	TTCCTCTATC				
127051	GIGCITTIGA	TTCTCAACAC	ATTCACCAAC	TTACTUGE	ATACATICAG
137001	TTGCACCTTA	CACTECTAA	TACTICTICATA	TTTCATATTC	ACCOCACTEA
137901	CATAATTE	CACITCIAA	TAGIGICAIA	CCAAAAAAA	TOTACATTIT
	GATAATTTGC				
	GACCATACTA				
138021	CATTCAGTCA	TGTCCAGTIA	IAIAAAACGI	IACITICICA	IIIIIGAGAA
138101	GTTCAACAAA	ACATACTACT	AAGACCAATC	AICAMULA	CIATIAIAA
138151	TGTTAATTTT	GGCTGGGTAA	GGTGGCTTGC	GCCIAIAAIC	CCAGCACITI
138201	GGGAGGCTGA	GGAGGGAAGA	TTGCTTGAGC	CCAGGAGTTT	GAGACCAGCC
138251	TGGGCAACAT	AGCAAGATCC	TGTCTCTACT	AAAAAATAAAAA	AAAAAAATTA
138301	GGCCAAGCAT	AGTGGCTCAT	GCCTGTAATC	CTAGCACTTT	GGTAGTCCAA
138351	GGCAGGGGA	TCACTTGAGC	CCAGAAGTTC	AAGACCAGCT	TGGGTAACAT
138401	AATGAGACCC	TGTGTCTACA	AAAAAATTTAA	AAATTAGCCA	GGCATGATGG
138451	TGCCCACCTG	TAGCCCCAGC	TACTCAGAGG	CTGAGGTAGT	GGAAGGATTG
138501	CTTGAGCCTA	AGAGATGGAG	GCTGCAGTGA	GCTATGCCAC	TGTACTCTAG
138551	CCTGTTCAAC	TGAGCAGAAC	CCTGTCTGTA	AAAGAAAATC	AAAAACAAAA
138601	AATAAATGTT	AAATTTIGIT	TTAAGTTTTA	GCACAGACTC	CCCTCAAAAC
138651	ACCTTCTCCC	CAATTITACA	GAAAGTAATT	CAAAAATGAA	AACTTTACTC
138701	TGTAAAGACC	TCTACAGTGT	THICHTIC	AAAATTTGGC	TGATTITAGG
138751	ΑΔΑΔΑΔΑΤΓΑ	TCATCTGAAA	CTAAAAGAAA	TIGCTIGGT	AGITTCCATA
138801	TTAAAACAGC	ACTICACAACT	ΑΤΑΤΑΤΑΛ	TAGATICTICAG	CATATGTGTT
138851	TGTATATTAA	ACTICACATA	TGTAGTTTTC	ACTITAL	AATGAATCAA
					TCATACGGAG
					ATAAACGTAA
					TIGIGGGAAA
1300E1	ACTTCTAAAA	CTTTAAAATC	CACAAACAAA	ATAAAAATA	CTAATATAAA
120101 TCACT	MULLICIAMA	TTAATCTACT		· CCTTYTAAT	TTCTGAATGA
120124	. MAITIGIGE!	TIMILIAGI		CITICIAAI	TITIGIGIT
130304 T3AT2T	AGIGITACIG	CIGCACIAGA	CACTOCAL	ACATTACAC	CTCACAACTC
732501	CASTCCAGAC	ACTITICION	GOLIGAN	AGAGIACAGA	GTCAGAACTC
133521	. IGITITATO	ILLICAILLI	GITTIGATA	AGACICAGAA	AATTCTCAAA
13,330]	. ITCGAAAGGT	ICIGGCATIT	GUGUCAM	AAAGCATGAA	AGGGAGTAAC
139351	. ATTCCTTTT	AIAGAIACIC	HAGALIGGAT	ACIAI IGIAA	CAGATGGCCA

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139401 AGAAACTTCC AGAAACATTT TGGTTAAATT TTATTGCAAT GGATATTGCT 139451 GGGATCCATC CATTTAAGCA GTAATATACC ACCCAGATTA TTGATACTTT 139501 ATGCAAGATG TGTTCATCTC TTTGATCATA TTTACAATGC TTACTCCATA 139551 GCCCTGCTAC AAGACTTAAA ATT

(SEQ ID NO: 3)

Feature:

2104 Start: 2104-2446 87054-87198 Exon: Exon: 91571-92024 Exon: 120932-121075 Exon: 133151-133379 Exon: 136340-136569 Exon:

Stop: 136570

Sim4 results:

2104-2446, (Transcript Position: 1-346) 87054-87198, (Transcript Position: 347-491) 91571-92024, (Transcript Position: 492-945) 120932-121075, (Transcript Position: 946-1089) 133151-133379, (Transcript Position: 1090-1318) 136340-136572, (Transcript Position: 1319-1551) Exon: Exon: Exon: Exon: Exon: Exon:

SNPs:

DNA Position	Major	Minor	Domain	Protein Position	Major	Minor
352	A	G	Intron			
381	C	Т	Intron			
3505	G	Α	Intron			
10280	G	CT	Intron .			
<u>111</u> 07	G	Α	Intron			
15750	T	C	Intron			
16004	Т	Α	Intron			
16871	Α	G	Intron			
17163	T	C	Intron			
17966	Α	G	Intron			
19392	C	G	Intron			
20113	T	C	Intron			
20434	G	Α	Intron			
21243	T	G	Intron			
23009	C	T	Intron			
24699	-	Т	Intron			
28058	Α	T	Int ron			
29600	Ŧ	C	Int ron			
31455	Α	G	Intron			
35653	Т	C	Intron			
42700	Α	G	Intron			
45516	G	Α	Intron			
51789	C	T	Intron			
52042	C	Т	Intr on			
52139	T	C	Int ron			
53089	Α	c	Intron			
53117	C	Α	Intron			
53434	-	ТC	Intron			
55431	T	G	Intron			
55905	C	T	Intr on			
60567	C	Ť	Intron			
60751	C	T	Intr on			
60755	G	Α	Intron			
63301	Τ	Ģ	Intron			
64573	T	A	Intron			
76462	T	Ċ	Intron			
77652	G	A	Intr on			

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77819	_	АСТ	Intron			
	G	ACT				
79594	T	C	Intron			
84331	Α	Т	Intron			
86107	C	T	Intron			
86175	Α	<u>-</u>	Intron	122		
87109	C	Т	Exon, coding	133	V	V
89444	Α	Т	Intron			
90535	Ĝ	ÁТС	Intron			
91163	Т	Α	Intron			
93488	Α	_	Intron			
96065	Т	C	Intron			
	ċ	TGA	Intron			
96351	<u>_</u>					
96701	Т	CA	Intron			
96879	Т	-	Intron			
97648	G	T	Intron			
		Ġ	Intron			
97814	A					
98430	C	Т	Intron			
101268	Α	G	Intron			
103881	A	G	Intron			
103926		Ť	Intron			
	Ċ					
107845	C	Т	Intron			
109010	-	T	Intron			
109623	G	ACT	Intron			
110188	Ā	TCG	Intron			
111006	C	TA	Intron			
111223	Α	G	Intron			
111457	Т	C	Intron			
112168	Ť	Č	Intron			
112700	Ė					
112653	G	-	Intron			
114155	_	ΑT	Intron			
114181	_	Т	Intron			
114183	Α	Т	Intron			
115964	Â	ċ	Intron			
110304						
118100	_	A G	Intron			
119631	Α	G	Intron			
120833	Т	C	Intron			
121125	Ā	Ğ	Intron			
121245		Ť	Intron			
121245	C					
121521	G	A	Intron			
124296	C	Т	Intron			
124549	G	Α	Intron			
124858		Î	Intron			
	G					
125920	Α	T	Intron			
126266	Α	G	Intron			
128258	G	T	Intron			
130303	č	À	Intron			
	~					
130617	C	A	Intron			
130910		T	Intron			
131727	C G	T	Intron			
132895	Ğ	A	Intron			
133506	Ğ	Ä	Intron			
135473	9	Ž				
135473	G	A	Intron			
136201	Α	G	Intron			
137080	Α	C	Intron			
138022	Ť	č	Intron			
	-	Ť	Intron			
138543	A					
138681	C	TGA	Intron			

Context:

DNA Position

352

10/506513

AGTATGTTCATAAAGTATTTACATTTCCTGCAGGAGAGATTTGTCTATTCTCTCCTCATT
[A,G]

3505 GGCTGGTTAGGCAAAAAACAAATCTAAGACCTTCTGCATGACACTTTAACATAAATTCTT
TCACTTTATCCTGCAAGGTGAGGGGGGGGTCAACCCCATTTGGGTGAGAAACTGTAGCTCA
GTGAAAGTGTCTTGGTGGGTAGAATGGCAATAAAACACATATCAACTGACTTCAAGG
GCTAAGTGATTTCCATTACTAAATCAACCTCCCTCCCCATCATTTGGGGTAACTTTATAT
GATTAATAGTCTTTTTTTTTAACCTTGATTTTCTATTATTTTAGAGTGAATATTTCTTA
[G,A]

GTCTTTAGTATGCATATGAGGAATGGGCAAGACTGTAATAAATTCTGAGACAAAGGTAAT GCTGGGTTATGCTGAGAGTTTTAAAACCTGACATAAATACTATTAAACTATTTGTATCAT TCTGCAACTTACTTTTCTTCCATTCCGCATCATGTTTGTGACTTATCCACATAATACCTC AGTGTGAACTGATAACTCAAATTCTTTCCATTTTAACTTAGGTGGTTTGCATTGTTTGAC TATATTATACTCTATGCATTCTCCCTCTGATGGGCATTTAGATTGCTTCCAAACTCATTC

10280 TGGGAGGGAGGTAATTACCTGGTGGGAGGTAATTGAATCATGGGGGGCAGGTTTTCCTGTG
CTGTTCTTGTGATAGTTAATAAGTCTCATGAGATCTGATGGTTTATAAAGGGCAGTTCCC
CTGCACACTTTCTGTTGCCTGTTGCCATGTAAGACATGCCTTTGCTCCTCTTTCACCTTC
CACCATGATTGTGAGGCCTCCCTAGCCATGTGGAACTGTGGAGTCCATTAAACCTCTTTTT
CTTTATAAATTACCCAGCCTCAGATATTTCTTCATAACAGTATGAAAATTGGAGTAATACA

[G,C,T]
TCCATTACCATAAAGAAAAGGCTTTCATGTACATTATTTTTTAGAGTAGCCTTGTGGTAT
GTCATTACCTCCATGGATAGATAAGAAAGTTGCAACTTGCACAGTATTAGGATTGATATC
AGTATTTACTTTTATTAAGTTGAACTTAAGAGCAGCTTTTTGGCTGGAAAAAAGTTGTAC
TTATGTCAAAGTTGTCCTGAAAGTAGAATCCTACTCCTGTCCCCAGCCTGAAACTATTTA
CTACATATTTACTTGCATGTTCTTTAGAATATTTCTCTCAATAGTGTCTCCTACTCAAGTC

11107 GGAAACTCCAGCACACCTGGGAACTGGGCAGACCCACACATAAGACAGATAGCCTATCA
GTGGCTGGAGGAATGGAGGAAAGCAGTGCTTTCAAATGTACATGCCAAATGTGTATGATC
ATACCTCTTTGTTAAAGTGCCTTCTTTAACAGCAAAAGTAATTTCCTCACCTTGCATATAG
GAACTAAAAAAAAAGTCGATGAAGAAATGGCTTGCCTTATTTTCAAGTAAGAAGTCTTTTT
TCATTTCACTAATTTTTAAATTATGGGCATAAGTATGAAATACAGATTAGAAATACTGAAT
[G,A]

15750
TGGCTCACTGCAGCCTCGACCTCCTGGGCTCAAGTGATCCTCCCCACCTCAACCTCCCAAG
TAGTTAGGACTACAGGGGCATGCCGCCTACACGTAACTAATTTTTTGTATTTTTTTGTAGAG
ACAGGGTTTTGCCTTGTTGCCCCAGGCTGGTCCTGAAATCCTTGGCTCCAAGCAATCTGTCC
ACCTCAGCCTCTGAAAGTGCTGGCATTACAGGTCTGAAGCACTGCGCCCCAGCCTAGATTTTTTTGAATTGTAAAAAAAGTAACCTGCTCCCTACTGAAGTAAATAGAGTTAAAAAAAGTAA

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[T.A]

GCTGTGTTGCTCAGGCTGGAGTGCCATGGCACGATCACGGCTCACTGCAACCTCAACCTC
AGGCTGAAGCCATCCTGCCACTTCAGCCTCCCAAGTAGCTGGGACTACAGGAGTGTGCCA
ACATGTCCAGCTCATTTTTGTATTCTTAGTAGAGACAGGGTTTTCGCCGTGTTGGCCAGGC
TGGTCTCAAACTCCTGGTCTCAAGTGATCCGCCTGCCTTGGCCTTCCAAAGTGTTGAGAT
TATAGGTGTCAGCCACTGGGCCTGGCAGAATTATACATTTATATGTCAATATTTGCTTTT

16871 GGGTATGAACAACTITTATAACACCTGTTACACATTGCCAGATTATTCTTTAGAAAACTTG
AATCAGTTTATTGTGCCAGCAGTGATGTGCTGGCTTCCTGAAAACCCTACCAATGTTGG
TTTTATTTTTATTAGTATTTGCTAATTTGATAAGTACTAATGATATTTTTTAAAAGTAGT
TTAAAATCATATTTCAGTGCTTATAAGTCTGTGTTCCCAGTTTTTGAGAGCCCTTTAGAAGC
TGCAAATGACCTGGCAATTATATATATATATTTTGAAAATACAAGAGGACATATGCCAGTGA
[A,G]

TATATTAGAGTAAAACTICATTCCCATAGGTAATGAAGGAATGCTTGAGATTATCTTAGG CCTTAGATTCTCACCTGACACATCTTGGCAGGTAGACCATGTCCTTGTTTCCTCTGCTGT CTTAGCCCAGGTGTTGATCAAGGTCTGTCTTAGGGCGGGGGATAGGAATGGAAATAAACC ATGTAGAGACTTGGGCATGAGGACTTTGTGATTCTTCCAGGTGACATCTCATCCTTCAGA GGATCAAGTCTGCAAGAGTAGCCATATCTTAATCTCTTTCAGTGCTATCACCTTGCATCA

17966
TCAAGCGATTCTCCTGTCTCAGCCTCCCGAGTAGCTGGGATTACAGACACACGCCACTAT
ACCTGGCTAATTTTTGTATTTTTAGTAGAAATGGGGTTTCACCATGTTGGTCAGGTGGGT
CTCAAACTATTGACCTCAGGTGATCCACCTGCCTCGGCTCCCAAAGTGCTGGGATTATA
GATGTGAGCCACCATGTCCAGCCACCCATTTAATTTTTTTGAGCACAAAATATGTACTGAG
AGCCACGCAAGAAACAAATTCGACTTATTCCATGCTCTTGAGAGGTCATGAGGGGAAACA
[A,G]

ÄÄTÄÄTACATAAGTAACTICTGAGAGAATATGCTGCACATGCTAAATCCTGTGCAAGTAAG
ATATAGGATTTTAGAGGAAGGGAGAATGACTTCTGATTGAGCTGACTAGAGAAGGGCTTCA
GTTTTTGAGTTAGGTGTTACGAGATTGGGAGACTTTTCTCAGCATATCTAACAGAAGAGG
GTATCCGAGGTGAGAGTGTAAGGCCTGGGCAAGGGTTCTAATACTGAAT
GTTCTGACTTGTGGTTTACTATGTATTTCAGGTTATTTTGTTTAATCTATCCAGTAATCCT

TTAGTCATTTTTTCCTTCAATTTGACATGACTGCTAAAGACTTTTGGCATGTTCCTCCT CCTTTCATTTGTGATGTAATTAAGTTGGTCTGTAAGTCTTATTTTTAAGATGTTCTAGAC CAAGAGACTGTGAGAATAGCTTACAGTCATTTCAACTAATTTATGTATTTTAAATTTAAA GTATTGACAGTGGTGAAAACCTGTTCAACAAGCAGATGATGTTATCTTATATATTCACAG AGTTTAGTAACTGAGCCAACTACTTCATTCACAGTTCAAAATGAAAACAGCTAATTCTTT

GTGCTGTCCTGTGATCTCTCAGGACTCAGGTCCTGAATTGCTCTGTTGTGACTGAAGCCC AGCTGAAGGTGCTGGAAGTGCAGTGACCCTGGAGGAAGAACCAGTAACAGCAGAGGGTGG

ATGAAAGGGAATTGATAGTTGTGTAAGAATAGATATCTGCCGTTTTTTTGTAAGCCAAGAC ACCTTTACCCTTCCAGTAATTGTTTCATCTTTTAATATCATTTGGCTTCATTTACAGAAT CTGTATTAAAGCAAAAGTCAGCATGTAAGGTGGTATTTTGACCACATTTGTCTGCTGTTG

20434 AGGACTCAGGTCCTGAATTGCTCTGTTGTGACTGAAGCCCAGCTGAAGGTGCTGGAAGTG
CAGTGACCCTGGAGGAAGAACCAGTAACAGCAGAGGGTGGATGAAAGGGAATTGATAGTT
GTGTAAGAATAGATATCTGCCGTTTTTTGTAAGCCAGAATCTGTATTAAAGCAAAAGTCA
GCATGTAAGGTGGTATTTTGACCACATTTGTCTGCTGTTGTGCCTTCTGGGTGAACTGAA
[G,A]

23009 TICTTICCTAATCTTAAAAAATATTTAAAGGGCACCTATTTTTCTTCAGTTAATAATGTA
AAAAGGACTGCATTGACATGATTAAATTCTGGGACCCTCAATTCTTTAGAGATGACTA
ATGGCTGGTATCAACTCACAAAAGTATCTTGAACTTGATGGAGCTTATGTTGAGAAATGA
AGTGTATATTTTCATTATCTTTTAATTTCATTCTTTAGTGAATTTTTTGAGGTCCCCTTG
TATACATTTTAATCCTAAGGGAATAAAGAAAGGAGGAAGTCCTAGCCCTGTGCTGTCTGC
[C,T]
TAGGTACAGTGTCTGAAACACAGACCAGTATTCACCCTTTGAAATTTGAGGTTTCCATTC
AGGAGGTTCTCAAAGAGAATAAATGAGATTGCTATGCAGGTGGAATCAAAGAGCACACGG
CTTATTTATCATAAATCAAAATAATGCCATTTTCATAACAAACTTCACCTGCTTATGTACA
TTGTAAATTGTTGCCTTGATAAGCTTCCCGGGAGATAAAGTAATTCAGCTAAGTATTATTT

24699 TTTAGAGGATTIGGATGAATAGTIGGTIGCTGCCAATAAAGAAATTTAAATATIGGCTGATATT
TCCTATATTTTAAGAAAGACCAAAGAGGGTCCATTIGAAATGAGTCAGTIGGGAAATCTCTGA
TGACTTCAGCCAGCAGGCTTTCATCGGCCTGGATATATGGGAAGTGAAGTCAGAGTCAATAGAGTCAAGGGAAGTCAAGAGGGAAGTCAA
TCTGTIGGAGCAGTGAATGGGAGGAAGAGATAGGGGTACAGGCTAAGAAGGGAAGGTAACAA
AGTCAAAGGGAGAAGTAGGGTAGCTTAGAGGAAGATTAAGAGTCAAGCGAGGGTAACAA
[-,T]

29600 ACTGCAACCTCCTTAAAGCTACATTATTTAAAAGTCACATACAAAGCAAGTTGCAGAAGC CTGTATGTAGTGGATTCTATTTTTTTTAAATAGTATTTAATTGTATGTTCTTCTACACTT TTTCCTATGTCCATCTTACCATAGCTGTGCCTTTTTTGGTGGAAGTGAGGACAGATTGCT TTCCACATCTCCATTTTTGTGTCTGAATTAAAAGATGGACAAGTATCATGTATTATCTTA

31455 ACTTAATTOGTTGTGGGCAGCCAGATCTTTTAAAGGTAAATTTGAATTTCTCTTTAAAGAA
AATGGCAGACAGAAGGATGGGGGATACTAGAAAACTAAAAGTAGTGCCCCCCTTTGAAGAT
AAAACTAAAACATTTTAAGCCTGGAATTGCTTTAGCAGTACATGTATTGATTATTTTAATT
TTGTCCTTTAGAAGAAAGTTGGCCCAACACACATTACATGGAAGTTGGGTTATTGAAGAGG
ATTGATAAAAAGAAGTTGGGAAGGTCAGGCCAGGTGTGGTGGGTCATGCCTGTAATCCCAGC
[A,G]

35653 CTAATAGAAAAAAATATATTTTTIGTCAAATATTTCTIGTTTTATTCATTCATTCAAAGT
ATATTTIGGAATGTTTATTTCCAGGAAATTTTTGGAATATACAACCAGCTTCTTATA
ACTCCACTTTAAGTGAGCCATAGGTCAAATAATGACCAGCAAAATGTAATGACACGTGTG
CCTCTTACTCCCTGTTGGAGGAATTTGAGGCACTCTGGTAACCCTGTAGGCCTTGATTAGT
CCAGTTCATTGGCAGCAGCATTATCCAGATTTTATTGTGGCCGGCAACGGTGGCTCACAC
[T,C]

GGTAATCCCGGCACTTTGGGGGGCTGAGTTGGGCCTGTTGCTTGAGCCCAGGAGTTCAAG ACCAGCCTGGGCAACATAGGAAACCCTGTCTCTACAAAATATATAAAAATTAGCTGGGGG TGGTGGCGTGTGCCTGTAGTACCAGCTACTTCGGAGGCTGAGGCAGGAGGATCACCTGAG CCCAGAAAGTTGAGGCTGTGGTCAGCTCTGATTATGCCACTGCACCCCAGCTTGGGTGAT ACAGTGAGACCCTGTCTTAAACAAACAAAAGAGTTGTATTGTGTTTTTGAAAAACATAGT

51789 AGAAGAACCGCTAGTATGGGGTAATCCCCTTCCAGAAACCCAGCCCCCAGTACTCAGAAGA
AGAAATAGAATGGGAAACCTCATGAGGACGTAGTTTCCTCCTCAGGATGGCTAGCCACCA
AAGAAGGAAAAATACTTTTGCCTGCAGCTAACCAATGGAAATTACTTAAAACCCTTCACT
TAGGCATTGATAGCACCCATCAGATGGCCAAATCATTATTTACTGGACCAGGCCTTTTCA
AAACTATGAAGCAGATAGTCAGAGCCTGTGAAGTGTGCCAAAAAATAATCCCCTGCACTT
[C.T]

AGGCCATGCATTTCAATCCCTGAATCTTTAACCTCCTTGTTAAGTTTGTCTCTTACAGAA
TTGAAGCTGTAAAGCTACAAATGGTTCTTCAAATGGATCCCCAGATGCAGTCTATGACTC
AAATCTACCGGGGACCCTTGGACCGGCCTGCTAGTCCATGCTTCGATGTTGATGATGATCA
AAGGCACCCCTCCGGAGGAAATCTCAAGTGCATGACCCTTAGTTGCACCAGTTCAGCAGG
AAGCAGTTAGAGCGGCCGTTGGCCAACCTCCCCCAATAGTACCTTGGGTTTTCCTGTTGAGA

- 53/65 GATAGTCAGAGCCTIGTGAAGTIGTGCCAAAAAATAATCCCCTTGCACTTCAGGCCATGCATT 52042 TCAATCCCTGAATCTTTAACCTCCTTGTTAAGTTTGTCTCTTACAGAATTGAAGCTGTAA AGCTACAAATGGTTCTTCAAATGGATCCCCAGATGCAGTCTATGACTCAAATCTACCGCG GACCCTTGGACCGGCCTGCTAGTCCATGCTTCGATGTTGATGATATCAAAGGCACCCCTC CCGAGGAAATCTCAAGTGCATGACCCCTTAGTTGCACCAGTTCAGCAGGAAGCAGTTAGAG [C,T]GGCCGTTGGCCAACCTCCCCAATAGTACTTGGGTTTTCCTGTTGAGAGGGGTTGCTGAGA GACAGGACTAGCTGGATTTCCTAGGCCGACTAAGAATCCCTAAGCCTAGCTGGGAAGGTG ACTGCATCCACCTTTAAACACGGGGCTTGCAACGTAGCTCACACCCGACCAATGAGGTAG TAAAGAGAGCTCACTAAAATGCTAATTAGGCAAAAACAGGAAGTAAAGAAATAGCCAATC ATCTATCACCTGAGAGCACAGGGGGAGGGACAATGATCAGGATATAAACCCCAGGCGTTCT CTCTTACAGAATTGAAGCTGTAAAGCTACAAATGGTTCTTCAAATGGATCCCCAGATGCA 52139 GTCTATGACTCAAATCTACCGCGGACCCTTGGACCGGCCTGCTAGTCCATGCTTCGATGT TGATGATATCAAAGGCACCCCTCCCGAGGAAATCTCAAGTGCATGACCCTTAGTTGCACC AGTTCAGCAGGAAGCAGTTAGAGCGGCCGTTGGCCAACCTCCCCAATAGTACTTGGGTTT TCCTGTTGAGAGGGGTTGCTGAGAGACAGGACTAGCTGGATTTCCTAGGCCGACTAAGAA [T,C]

PGTAIS93/06667 506513

TAAATATGACATTAAAAGCACAAACAACAACAAAATAGATTAATTGGACTTCATCAAAAT
TAAAACCTCTGTGCTTCAAAGGGCACACCAAGAAAGTGAAAAGAGAATCCACACAATGGG
AGATAATTTTTTGCAAATCATGTATTTTACAAGACTGGTGTCCAGAATATATAAAGAACA
CTTGCAACTCAGCAATAAAAAGACAAGTAACACAATTTAAAAATGTTGAAAGGATTTGAA
TAGACATTTCTTCAAAGAAGACATATAAATCACCAATGAGCATATGAAAATGTACTCAAC
[C,T]
TCATTGGTCATTAGAGAAATGCAAATAGAAGTCACACCCATTAGGATGGCTAAAATAAAA

TCAGCAATAAAAAGACAAGTTAACACAATTTAAAAATGTTGAAAGGATTTGAATAGACATT
TCTTCAAAGAAGACATATAAATCACCAATGAGCATATGAAAATGTACTCAACCTCATTGG
TCATTAGAGAAATGCAAATAGAAGTCACACCCATTAGGATGGCTAAAATAAAAAAAGATG
AACAATAACAAATGTTGGCAAGTATGTGGAAAATTAGAACCCTCATACACTGTGGATGG
GAATGTAAAATGGTGCAGACACTTTGGAAAGTTGGCTATTCCTCAGAGATTTACCACATG
[G,A]

TATISCTIGGCCTIGATATTIGATCGTCCATIGGTAGAATTIGATACTIGCTTIGACAAAGCAGCCTA
TTTCAGTCAGGACCCTTICTTCTCTAGTTTICCTCTIGTAGCTATTACCTTAGCCTTCCATTT
CATTCTTCACACTACAGATACTCTCATTIGATAAAGGAATGATGTCTTTATIGCTTTCAAGC
ATTCTIGGCAAGTTAGTAATTCAACTATIGATTCTAGGTCAGACAAAACCAGTTATIGAACAT
AAGACTIGTTTTTTAATCTCCTCCCTIGGTCCCCCAACCACCCACCCCCAATCAGGAGAAACTA

64573 CCTCACCACCCATTACTTTGTGTGACTTTGAGCAAGCTTTAAAACGTCAGTGTCTCAGTT
TTGTCAACTGAGTAGATACCTCATAGAATTGCTGTTGATATTAAGTGACTTAATCCTATG
GGCTGAATTTGTCTCCCAAAGTTCATTTGTTGGAAACTTAATCCCCAGTGCATGTTAA
GAAGTGGGACCTTTCAGAGTTGAATAGGCTATGAGGGCTCTGCCTTCATGAATGGATTAA

TGCCGTTGTTGCAGTAGTGGGTTCCTTATAAAAGGAAGTGTTTGACCCCCCTTTCCTTGCC

CTCTCTCCAGTCCTCATTTTTGTTAAAAACAAATCATGATAGGACTGAGTCATTTGCAGA
ATAAACTTTAGTCTTATATTTGGCCTGGTTATTTTGCATAAAGCACAGCAAGAATAATTAT
TTTTCACACAGGCTTTTAAAATTGGCTTTGATGGAACTCTGTTCCACAAGGAATTTCAGA
TAAGACCTTTTAAAGCTGAGCCCAGCCATGGGTTTGTATCCTCAAATACCTATGAGTTGG
GTAAATTCCTCTCTTCTTGAGGTCCCAAGATAACATGGGTTCCTGGGCCTATTAGAAAG

ATTIACGATTIGATAGCATATACTCAGACATTAGAATTTTTAGAAACCTCATAGAATTTTIGGA
ACATATIGTATTTTTCATTAAAATATAACCTIGAAGAAGATTAAACATTATTTTTATTTTIGG
CAATCCCACATAACTAAACATGTCAGTTAATCCTIGTTTACCTCTCTTTTTIGGATGCTCCAG
GAGCCCTCTIGTAGTATTCAAAAGTAAGGGGTCAGAAAAGACAACCTTTGAAACTGAAGTTT
GATTTTTIGGGAAGCCTIGTTAAGTACATTAGAGGTTTAAAACACTTTATATTATGAAATACA

79594 TAGCTTTTATTTTTCCTTCAGAAAATATTTGATCTAAGTGCTTATTTTTCTCTAAGCCAA
TTAATTAGAGCTCTTTTTTATACAAACATCACACATATTGCACACATATTACACACAGA
CAGAGGATCCAGTAGTTGTAAGATTTTTCATTGTCCAATCTCCTAATTAGATTACTGACC
TCAGGATGGAGCCCTTCAAGAGCAGGGCTAGGAAAGCATGCAGTTTCTAGGGCCTAATAA
ATAGTTATAGCTGGAAGACAAAAACAGATTTTGAGAGGGATTTATCTGCTTTTAATTCTT
[T,C]

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[C,T]

86175
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[A,-]

89444 ACTTATGTAATCTACCTAGTTTGTTAACAAAACACACATACAAAGCAATGTTTTTCA
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[A,T]

90535
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[G,A,T,C]

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91163 GCCTTACAGCTTACAAACTGGGATCACTAAAGGAATACACTTAATTTAAGTCTTTCTGTA
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[T,A]

93488

96065

96351

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96701

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96879

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97648

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[G,T]
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98430 GAAATTTTAAGATAAATAGAAGAAATTTCTGGTCCCTCAAGTAACTGTGTCTTCAGTACC
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[C, T]
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[A,G]

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[C,T]

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[-,T]

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[G,A,C,T]TGAAATACTCCAGGCACAAAAGCACGAATACTGTATGGTTCCGCTTAGATGAGGTACCCA GAGAAGTCACATTCATAAATACTGAAAGTTGTATGGTGGTTTCCAAGGGGAGGGGAAAT

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[C,T,A]

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111223 CTTTGAGAGGCCAAGGTGGGAGGATTGCTTGTGCTCAGGAGTTTTAGATCAGCCTGGGTA ACACGGCAAGACCACATCTCTACAAACAACAACAACAGGAGACTATACTTTCAGGG**ACC**A TTTCTGGGGATCATAGTTTGTTACTAGAGAAGTTTCTCTGTGTAGAGCATTGAAATATAA AAATGCAGAATAATCATTTACATAGCATTTACATTGTATTGGTTATTATAAGTAATCT**AG AGATTAATTAAAGTATACAGGAGGATATACATAGGTTACATGCAAATACTACACCATTTT** [A.G]

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111457 ATCTAGAGATTAAATTAAAGTATACAGGAGGATATACATAGGTTACATGCAAATACTACAC
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[T,C]

[G,-]
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[T,C]

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[G,A]
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124549 TIGCTTIGGCAGGAAGGTAAAGGCAAGGCACAAGGGGGGGTCTTAGGTTTTIGAGGA
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[G,A]

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[A,T]

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CTCTCTGCCTTTTGGCCCATCCTTTAAGGCTTGGAATGCTCCTGGGCTTACCTTCTTTCC
[A,G]

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130303 TTTATCTCCTTTTATGTTTGTACATAGAATAAAAATGTTTCTATTGTTAAGAATATTAGA
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[C,A]

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ATTACTACT TARATCT TACCTIGCT TO THACT TO WALLEST THE TACT TO ATTACT TO ATTACT TACATCA T

[C,A]

[-,T]

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138681

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